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62.67 Index *

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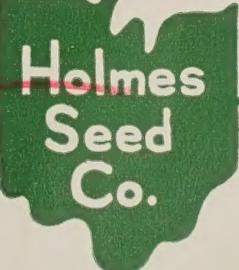
★ JAN 31 1950 ★

U. S. Department of Agriculture

Holmes SEEDS

1950

Canton 2, Ohio



New Flowers and Specialties for 1950

SWEET PEAS

Cuthbertson

These new varieties of Sweet Peas are the beginning of an entirely new and distinct strain decidedly worth while to the home gardener. They bloom earlier than the regular Spencers, and are bred for heat resistance and freedom of bloom. Pkt., 15c; oz., 40c.



PETUNIA

Holmes Superfine Ruffled Mixed

We believe this to be one of the finest strains of dwarf ruffled Petunias. The flowers are the largest we have ever seen, with wide open, well veined throats, and the edges of the flowers beautifully waved and fringed; colors range from very soft pinkish lavender to deep rosy purple. Pkt., 25c.



PETUNIA, Firechief

(All-America Sweepstakes Winner)

One of the outstanding introductions of recent years. An entirely new color in Petunias, being a brilliant red. Habit is dwarf, very free bloomer. We believe this should be a "must" in your garden planning for 1950. Pkt., 50c.

PANSY, Holmes Glorious Giant Mixed

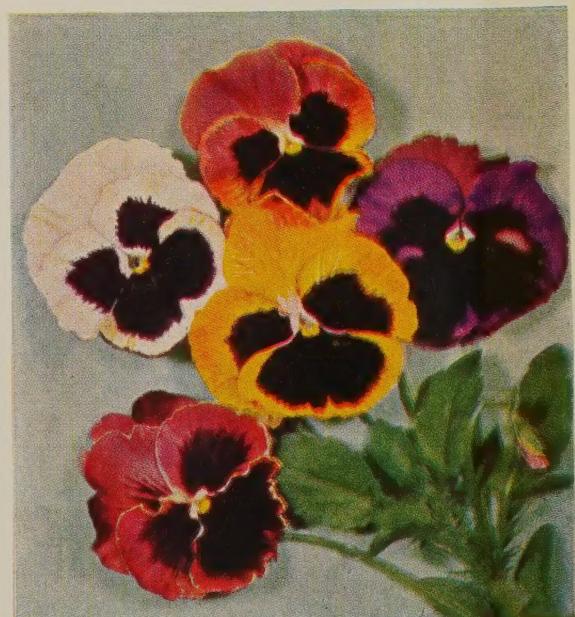
If you want Pansies that are extraordinary, by all means sow Holmes Glorious Mix. They are, without exception, the most gorgeous Pansies we have ever seen. They are of immense size, thick velvety texture, and the colors include many of the deep red and brown shades. Pkt., 25c.



BEGONIA TUBEROUS

(Camellia-Flowered)

These showy flowers will brighten shady garden spots or window boxes as no other flower can. Easily grown from our large healthy tubers. Available in the following colors: yellow, crimson, orange, white and rose. 40c each; 3 for \$1.10; \$3.50 per doz.



Friendly Greetings



HOW TO ORDER FROM THIS CATALOG

GENERAL INFORMATION

Remittances. We cannot assume risk for currency not sent by registered mail. Use money orders or checks.

Shortages. Please open all cartons before reporting shortages. We often enclose small packages within large bags, etc. Onion sets, roots, bulbs and plants are often sent separately or later.

Mailing List. Write us of change in your name, address.

Please Order Early. Well in advance of the time the merchandise is needed for use, so we can make shipment in plenty of time for planting.

Attention!

With every \$2.00 order of seeds, we will give a Lancaster Almanac free, when requested.

FIGURE POSTAGE HERE ON NON-PREPAID SUPPLIES

| Parcel Post Rates (U.S.A.) from Canton effective Jan. 1, 1950 | Local Zone Canton and Suburbs | 1st and 2nd Zones up to 150 mi. | 3rd Zone 150 to 300 mi. | 4th Zone 300 to 600 mi. | 5th Zone 600 to 1000 mi. | 6th Zone 1000 to 1400 mi. | 7th Zone 1400 to 1800 mi. | 8th Zone over 1800 mi. |
|---|-------------------------------|---------------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|------------------------|
| First pound | 10c | 12c | 13c | 14c | 15c | 16c | 17c | 18c |

| | | | | | | | | |
|-----------------------------------|----|----|----|----|----|----|-----|-----|
| each additional pound or fraction | 1c | 2c | 3c | 5c | 6c | 8c | 10c | 13c |
|-----------------------------------|----|----|----|----|----|----|-----|-----|

It is our yearly privilege to renew acquaintance with our many customers by means of our new Seed Book, and we hope it will be found of real horticultural interest.

Our desire is always to produce "Finest Quality" seeds and bulbs, and to sell them at reasonable prices. We will always continue our efforts to adhere to this policy and to give you the best service possible.

We take this opportunity to thank our clients for past favors and sincerely hope to have again the satisfaction of their orders which will command our personal and prompt attention. We are keenly appreciative of customers' kind recommendation of our firm to their friends.

Faithfully yours,
HARRY HOLMES, Jr.
President

DELIVERY TERMS

On Items Offered in This Catalog

Vegetable seeds, roots, flower seeds, bulbs, plants. Transportation paid anywhere in U. S. A.

Insecticides. Transportation paid within 150 miles of Canton. Beyond, purchaser pays transportation charges.

Supplies. Transportation paid within 150 miles of Canton. Beyond, purchaser pays transportation charges.

Fertilizers. Transportation paid within 150 miles of Canton on items weighing less than 25 lbs. On all items over 25 lbs. purchaser pays transportation charges.

C. O. D. Shipments. C. O. D. orders will be accepted only if accompanied by cash payment of 25% of the amount of the order. C. O. D. shipments are generally not recommended as they are more likely to be delayed.

Plants, bulbs, Onion sets and nursery stock will not be sent C. O. D. under any circumstances.

Conditions of Sale

We assume responsibility of seeds, bulbs and plants reaching you in good condition. All the seeds we sell are tested, and are known to be of good vitality. The successful growing of seeds, bulbs and plants obviously depends in a very large measure on weather conditions and proper cultural methods beyond our control; so conforming with the universal custom of the seed trade, the Holmes Seed Company warrants to the extent of the purchase price, that seeds or bulbs sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, expressed or implied.

All prices quoted here are subject to change without notice and to our stocks being unsold.

The Holmes Seed Co.

CANTON 2, OHIO

CANTON 2, OHIO

Please send the following to

ZONE

NAME

(Please Print Name Plainly)

R.F.D. or STREET No.

STATE

EXPRESS or FREIGHT OFFICE

Do Not Write in Above Space

DATE OF ORDER

AMOUNT OF ORDER \$.....

POSTAGE \$.....
(If necessary)

TOTAL REMITTANCES

Include Items on Back of Order

Please state below whether you raise vegetables for home use or market.

PLEASE CHECK ONE:

PLEASE CHECK ONE:
If we are out of any of the varieties ordered, shall we substitute others equally as good? Ans.
Or shall we return the money sent for them? Ans.

Holmes' Vegetable Seeds of Special Merit



Holmes Green Top Beet
Tender and Delicious

349 NANTES OR CORELESS CARROT

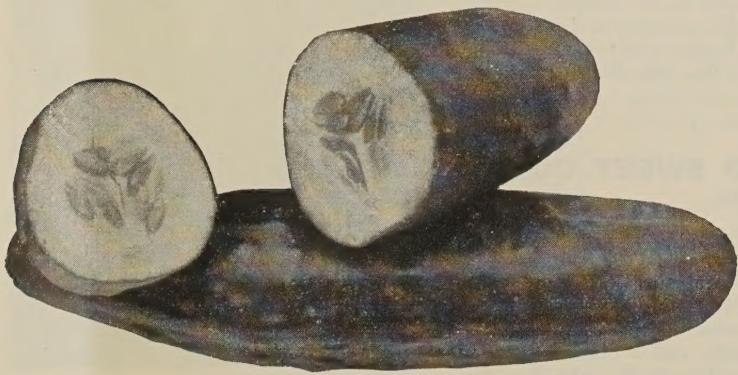
(65 days.) This is one of the best early varieties and particularly adapted to the home garden. Roots are 6 to 7 inches long, same the whole length, smooth and stump rooting, giving a very attractive appearance. The deep orange color extends through the whole Carrot. Nantes has practically no core and is exceptionally sweet and tender. A great favorite for eating raw as well as cooked. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.55.



440 MARKETER CUCUMBER

Dark Green, Crisp Flesh for Slicing

(68 days.) Marketer is very smooth, slim and handsome and carries the deepest green color of any kind yet offered. At picking stage, these cukes are 7 to 8 inches long, slender and slightly tapered at the ends, giving a most elegant appearance. The white flesh is unusually thick with very small seeds and it is crisp and delicious to eat. Famous for its big yields of fine, even fruit, Marketer produces heavily from early until well after most kinds are past their prime. For the best in dark green Cucumbers, grow Marketer. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.50; lb., \$2.60.



Marketer
Fine Quality—Extra Crisp Flesh

248 HOLMES' GREEN TOP BEET

(Introduced by H. L. Holmes)

(80 days.) In Quality It Stands Alone. It is one of the most tender of Beets, of delicious flavor, and is absolutely unsurpassed for quality by any Beet we know. This grand, main crop Beet—Holmes' Green Top—has a tapering root. The flesh is a handsome dark red, sweet and tender at all stages of growth. Although they grow very large, Holmes' Green Top Beets are still just as tender as the young early Beets. They will retain their fine quality when stored for winter use. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.40; lb., \$2.50.

389 SUMMER PASCAL CELERY

Pure Strain—Crisp—Nutty Sweet

(120 days.) Here is a beautiful Pascal Celery that can be bleached with paper or boards. It is full-hearted, smooth, stringless, crisp, delicious and easy to bleach. Can be grown for early or late. Height medium, with round, solid, smooth ribs, dark green in color. It outsells others and has brought a premium on the market of 50% or more. Just the Celery you have been looking for. Pkt., 15c; $\frac{1}{2}$ oz., \$1.15; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00; lb., \$25.00.



Penn State Ballheads are Remarkably Uniform
Reliable Yields of 20 Tons are Common

304 PENN STATE BALLHEAD CABBAGE

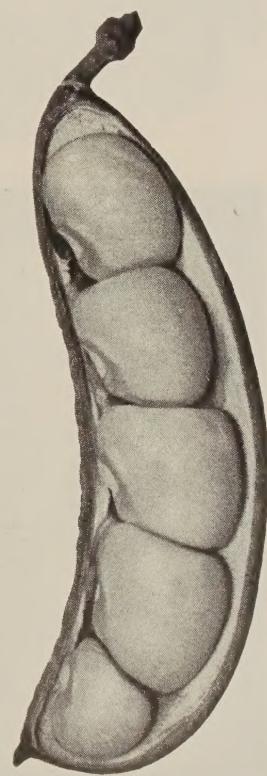
Superior—High Yielding—Originator's Strain

(95 days.) This was developed by Dr. Chas. Myers, of Pennsylvania State College. The head has a shorter core than the original Danish Ballhead, the stem is short, heads large, firm and heavy, in shape more broad than high. Average yield per acre much higher than other sorts. Keeping qualities unequalled. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$1.75.

295 GOLDEN ACRE CABBAGE

Best Early

(64 days.) Your garden should have some Golden Acre. Very profitable and sure heading. Most every plant will make a sure head. Heads are of medium size. Heads make a neat compact growth with fewer outer leaves, permitting them to be set close together. The attractive, round heads are crisp and delicious to eat. Gardeners recognize this as a most profitable early cabbage. Pkt., 10c; $\frac{1}{2}$ oz., 35c; 1 oz., 60c; $\frac{1}{4}$ lb., \$1.55.



Fordhook
242
None Better

66 FORDHOOK 242 BUSH LIMA BEAN

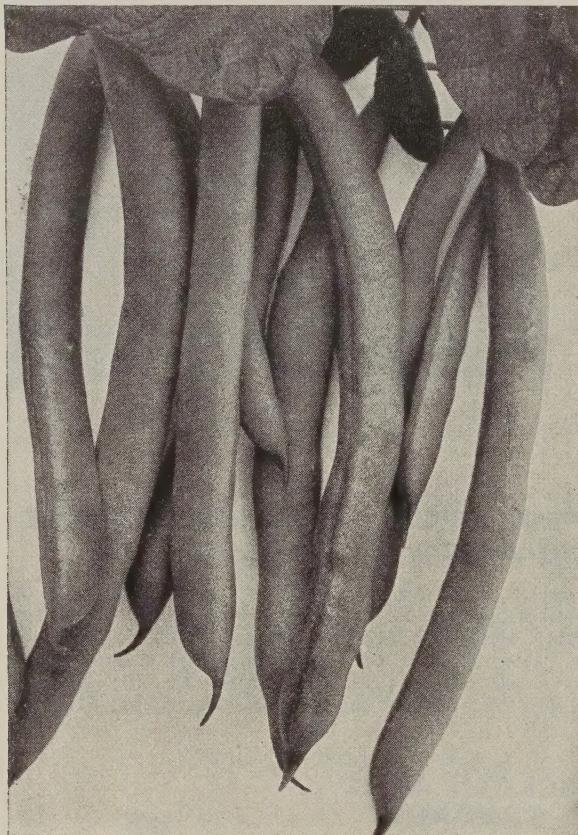
(70 days.) Many of the experiment stations in the East reported "242" the heaviest yielder of all the large Bush Limas because of its ability to produce under adverse conditions and its excellent quality. "There is no appreciable difference in the shelled Bean from regular Fordhook." It is rapidly gaining popularity. Does well over greater part of United States, primarily because it sets pods in hot weather much better than the original Fordhook. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60.

Holmes' Vegetable Seeds of Special Merit

44 SUPERGREEN NEW STRINGLESS BEAN

All-America Award Winner

(52 days.) The outstanding round-podded Bean. Pods are long, slim, round, stringless, and of the best quality. This is a great improvement in green Bush Beans. It has the best qualities of the Tendergreen—better yielder, excellent flavor, tenderness, and grows longer and more slender than that variety. The plants are resistant to disease, are exceptionally robust and healthy, producing a great abundance of long, slim, handsome pods. We are proud to offer this new wonderful Bean, which we believe will replace many round-podded Beans. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60; 10 lbs., \$5.00.

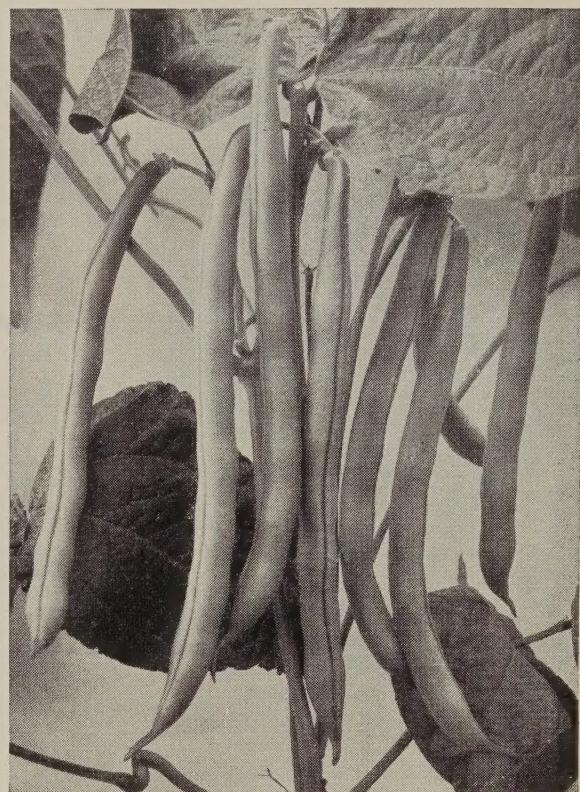


Topcrop
A Winner—Early, Prolific

12 CHEROKEE WAX BEAN

New Vigorous, Productive Type—Oval Pods

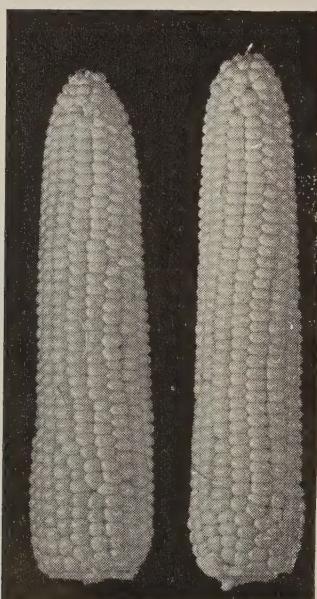
(50 days.) The greatest improvement in Wax Beans for many years. The handsome straight pods grow 5 to 6 inches long, oval-shaped, meaty and have very good quality. Developed by the United States Department of Agriculture, from a yellow "sport" found in Stringless Black Valentine. Cherokee has all the vigor, big yields and uniformity of that variety. Market growers as well as home gardeners like its dependable productiveness, and the clean, smooth appearance of the pods at all stages. Black seed. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60.



Supergreen
Round—Vigorous, Heavy Yielder

35 TOPCROP BEAN

(48 days.) In tests Topcrop was earlier than Tendergreen—a dependable cropper. The plants are about 18 inches high with spread of about 23 inches; they are vigorous and well branched. High yields are borne during a short interval, giving a few large pickings instead of many small pickings. Pods 6 to $6\frac{1}{2}$ inches long, round, slender when young but become fairly large when older. They are straight to slightly curved, smooth, stringless and without fiber. Being mosaic resistant, it has outyielded other varieties. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.50; 10 lbs., \$4.80.



Washington
Early Hybrid

186 FREEZONIAN PEA (Improved Thomas Laxton)

Early and Sweet

(62 days.) For sweetness and delicious flavor there is no finer early Pea than the standard Thomas Laxton, and now Freezonian brings you a larger and huskier strain of the same type with the same superb quality. It is wilt-resistant, with taller, more vigorous vines, slightly larger and more uniform pods, and even better yields. Ripening about a day later, the pods are well filled with large, tender Peas, perfectly adapted for quick freezing, as well as canning and fresh use. Freezonian is a variety of the very finest quality, high in sugar and unusually tender. Yet it is hardy, productive and dependable, and we highly recommend it for home gardens as well as market and roadside stands. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90.



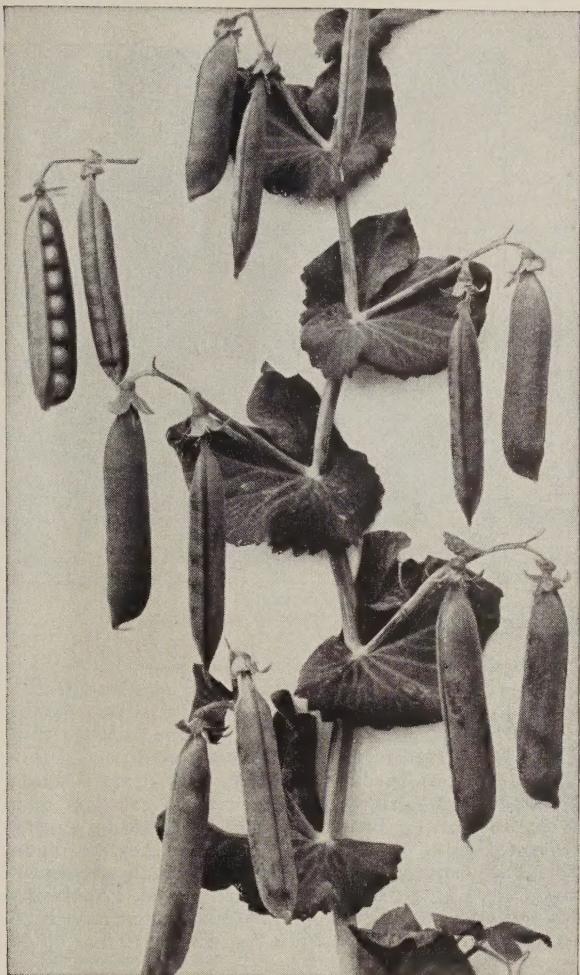
Freezonian
Early—Heavy Yielder

125 WASHINGTON HYBRID SWEET CORN

Uniform—Prolific

(66 days.) This new hybrid Sweet Corn matures in the same season as Marcross. It is bred by the Connecticut Experiment Station to produce a high quality early Corn. It has more and larger ears than Spancross, and more ears but smaller than Marcross. It has superior eating qualities. Dr. Singleton, who developed both Marcross and Washington, believes Washington will replace Marcross when it becomes more widely known. Pkt., 15c; $\frac{1}{2}$ lb., 40c; lb., 75c; 2 lbs., \$1.40; 5 lbs., \$2.90; 10 lbs., \$5.35.

Holmes' Vegetable Seeds of Special Merit

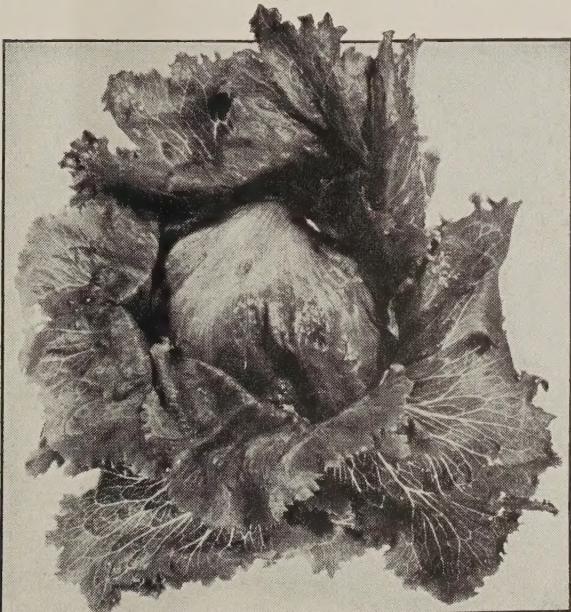


Progress No. 9
Note Size of the Pods

829 UCONN SQUASH

All-America Gold Medal Winner

(80 days.) Is a Table Queen type, but set on a bush plant rather than a vine plant. To the space-conscious home gardener this is a very good variety. Fruits are dark green with slight "flecking." Almost every fruit is perfect. After one crop is mature, seems to start on to produce a complete second crop, but whether the second crop is able to mature in season is questionable. Pkt., 25c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; $\frac{1}{2}$ lb., \$3.00.



Premier Great Lakes
Stands Well in Summer

PROGRESS No. 9 PEAS

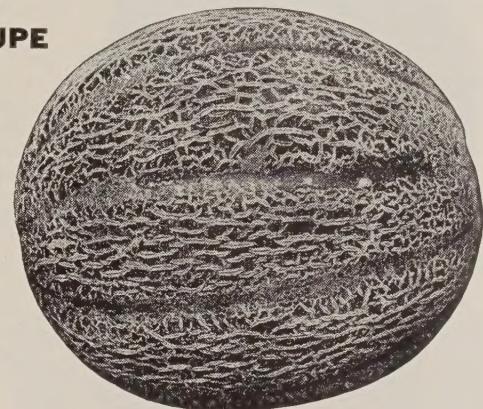
Large Podded Early Strain

(62 days.) (18 in.) This improved strain matures earlier than Laxton's Progress. The pod is slightly longer and a better producer, more uniform and attractive. The vines are dwarf—only about 18 inches high, they are loaded with large, dark green, well filled pods, 4 to $4\frac{1}{2}$ inches long. The Peas are sweet and tender.

If you want delicious quality, large-podded Peas, for home and market grower, plant Progress No. 9. It is replacing the old Laxton's Progress due to its earliness and also a better producer and the attractive pods are more uniform. Pkt., 10c; $\frac{1}{2}$ lb. 30c; lb., 55c; 2 lbs., 95c; 5 lbs., \$1.95; 10 lbs., \$3.80.

590 IROQUOIS CANTALOUPE

(85 days.) This new Melon of medium size, uniformly fine flavor and thick, sweet, deep orange, fine grained flesh has been developed for resistance to Fusarium wilt. Just another example of our efforts to give you both vegetables and flowers with extra vitality, early maturity, superior quality and high yields. Northern grown for vigor. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.45; $\frac{1}{2}$ lb., \$2.50.

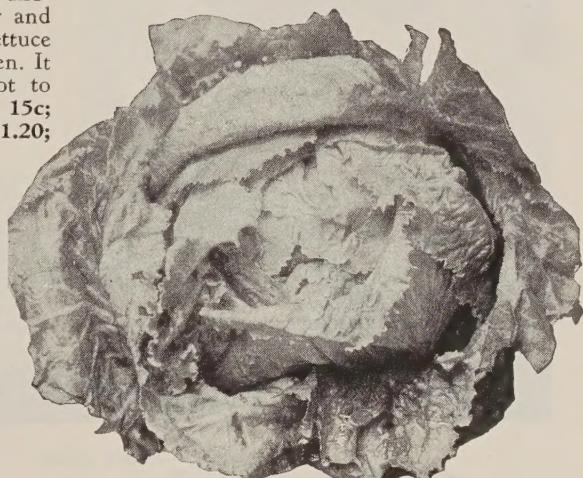


Iroquois
Thick Flesh—Fine Quality

548 OAK LEAF LETTUCE

Tender and Delicious
Excellent for All Season

(42 days.) Shaped like an Oak leaf, deep green color, rich in health-building vitamins and minerals, tender and of superior flavor. Oak Leaf Lettuce should have a place in every garden. It is said to stand up well and not to turn bitter in hot weather. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.20; $\frac{1}{2}$ lb., \$1.85.



Pennlake
Fine Quality Head Lettuce

543 PENNLAKE LETTUCE

All-America Winner

(85 days.) A sure heading Imperial type. Reports from judges show it to be very uniform, rather conical in shape, leaves with less frills and folding tightly over the top of the head, equal or better in quality, more compact with fewer outer leaves, very slow bolting. Slightly larger than Cornell 456 and smaller than Great Lakes, darker green, good solid heads and uniform. Originated by Dr. M. T. Lewis, Penn. State College. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.20.

547 PREMIER GREAT LAKES LETTUCE

All-America Winner

(76 days.) This is an early Great Lakes strain, usually ready a week or ten days earlier and valuable on this account. It is distinct from other Early Great Lakes strains just being offered. It has large, dark green leaves and large heads, very uniform and compact, slow bolting, leaves folding well over the top, giving a high percentage of perfect heads. Introduced by Dr. M. T. Lewis, Penn. State College. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.20.

124 MARCROSS HYBRID SWEET CORN

This Early Hybrid is Tops in Sweet Corn

(68 days.) Four to five days later than Spencross. Ears $7\frac{1}{2}$ to 8 inches long. Nearly cylindrical, mostly 12-rowed, uniform in ripening and appearance. Kernels good depth, fairly broad, light golden, tender, good flavor. Ears much larger than most early Corns—fully as large as Golden Cross. Stalks 5 to 6 feet. Its fine big ears bring premium prices. No other hybrid as early has bettered it, in wilt areas. It is a money-maker for the gardener. Pkt., 15c; $\frac{1}{2}$ lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.75; 10 lbs., \$5.20.

Holmes' Vegetable Seeds of Special Merit

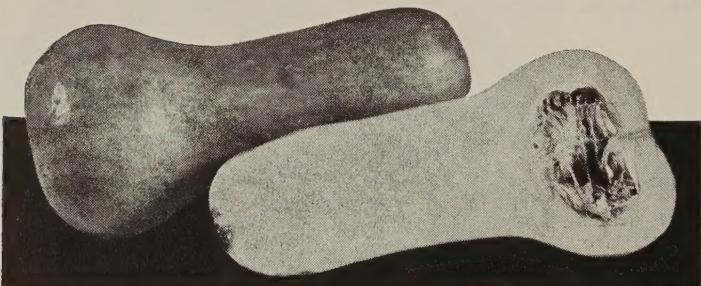
742 COMET RADISH

Bright Red—Long Standing

(25 days.) Round in shape. Grows to fair size with a short top. In keeping and eating qualities it ranks as a leader and it will remain crisp and white when all other Radishes get pithy. Color is bright scarlet, and tap-roots are thin. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 75c.



Pennwonder
Early—Thick Meated



Butternut
Very Early—Heavy yielder

801 CASERTA SQUASH

Very Early—All-America Award

(56 days.) Caserta produces earlier than any other summer Squash. Fruit is medium size with rather short, blunt shape. Light, glossy green with broken stripes of dark green. Very attractive, fresh appearance and fine quality. One of the earliest. Enormous yielder. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.10; $\frac{1}{2}$ lb., \$2.00.

881 LONGRED TOMATO

Developed by W. T. Tapley at the N. Y. Experiment Station

(75 days.) Is a little later than John Baer. Vigorous in growth and heavy yielding. Fruits are smooth, uniform, globular shape, well colored, firm. Skin is tough and resists sunburn and cracking. Bears fruit for a long period from midsummer until vines are killed by frost. Excellent for home, market and canners. Pkt., 15c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

869 GOLDEN JUBILEE TOMATO

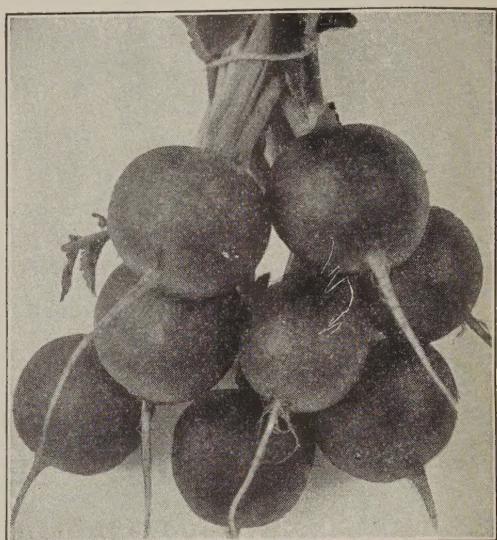
The Best Orange or Yellow Tomato

(80 days.) Compares in size, smoothness and fine quality with the best of the red varieties. Is much like Rutgers, ripens about the same time, and has a beautiful deep round fruit, of a bright golden orange color. Interiors solid and meaty. It is free from acidity. Very attractive when sliced. Is entirely different from any other yellow kind and is much superior. We recommend it highly. Pkt., 15c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

698 PENNWONDER PEPPER

New, Early, Thick-Meated Type—Very Prolific

(62 days.) For thick-fleshed fruit and tremendous crops in short season areas, Pennwonder is the best early Pepper we know. Developed at Penn State College from a cross between Harris Early and California Wonder, it successfully combines the best features of both. Ability of sturdy, dwarf plants to set numerous fruit under almost any conditions is a most desirable feature of this remarkable Pepper. Dark green turning to rich red when ripe, the flesh is always sweet and mild. If you have had difficulty growing good Peppers, try Pennwonder. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.75.



Comet
Always Mild and Crisp

38 LONGGREEN BEAN

Extra Long Tendergreen Stringless

(52 days.) A beautiful, delicious, tender snap Bean. This strain is a long pod of round, green, stringless, smooth, very thick meat, of excellent quality. It has all the best qualities of the Tendergreen and grows fully an inch longer. Pods often seven inches in length, and when large they are tender and delicious. Wonderful for canning and freezing. The plants are strong, healthy and productive over a long period when kept picked. Popular for market, wayside stands and home use. We recommend Longgreen most highly. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60; 10 lbs., \$5.00.

816 BUTTERNUT SQUASH

(85 days.) The newest and finest variety among small winter Squashes. The fruits are of yellowish brown color and bottle-shaped. The outer shell is smooth and hard, the flesh is yellow, fine texture, dry and of excellent flavor. There is a very small seed cavity and almost the entire fruit is clear, solid, high quality meat. New introduction and one which is increasing in popularity by leaps and bounds. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.10; $\frac{1}{2}$ lb., \$3.20.



Longred
Smooth—Round—Main Crop

Holmes' SUPERIOR VEGETABLE SEEDS

Asparagus



Asparagus

You haven't really tasted fresh Asparagus until you've eaten it rushed from a back-yard garden. Grow plenty of this vitamin-rich greens.

One ounce plants 75 feet of row; produces about 250 plants; 4 to 5 lbs. per acre.
75 plants to 100 feet of row; 5000 to 6000 plants per acre.

Seeds: A deep, sandy loam soil, well supplied with organic matter. Sow seed 3 to 6 inches apart in rows; 20 inches apart for hand cultivation and 2½ to 3 feet apart for horse cultivation. Cover 1 inch deep. Thin out to stand 3 inches apart.

Roots: Should be planted in the spring as early as soil and weather conditions will permit. Rows 4 feet apart; plants 18 to 24 inches apart in the row. Plant roots in trenches 5 to 10 inches deep, pull soil gradually around plants as they develop during the first two years. The depth of the soil over the crowns should be 6 to 8 inches in light soil and 4 to 5 inches in heavy soil. Use 6 lbs. salt to each 100 square feet to keep down weeds.

230 Mary Washington

It is at present the best to plant. It produces large, rust-resistant stalks and high quality, dark green spears. Introduced by the United States Department of Agriculture.

Roots: Postpaid, 2-year-old, 25 for \$1.35; 50 for \$2.25; 100 for \$3.75
Not prepaid, 250 roots, \$5.75; 500 for \$11.00; 1000 for \$20.00



ASPARAGUS KNIFE

For harvesting Asparagus or removing Dandelions from lawns.
Price, 50c, postpaid

Beans

A packet will plant 20 feet of row; 1 pound 150 feet; 60 to 75 pounds per acre.

Beans are one of the most popular crops for the home garden. Plant after danger of frost, in a fertile, well drained, mellow soil, 1 inch deep, 4 inches apart in a 2½ to 3-foot row. For continuous harvest plant every 2 or 3 weeks, allowing sufficient time for maturity before frost. If a hard crust forms, help the seedlings through by carefully breaking the surface with a rake.

Bush Wax-Podded Beans

10 Pencil Pod Black Wax

Pkt., 10c; ½ lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.40
(51 days.) This is one of the best early round pod wax Beans, for home market. Pods large, 6 inches long, straight, round as a pencil, of golden yellow color, brittle, strictly stringless, fleshy, and of highest quality.

12 Cherokee Wax

Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60
(50 days.) Developed from Stringless Black Valentine. See page 4.

18 Sure-Crop Wax (Bountiful Wax)

Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.00; 10 lbs., \$3.90
(52 days.) The rich yellow pods are 6 inches in length. They are flat, very meaty, sweet and perfectly stringless at all stages. Every branch carries a heavy crop of the magnificent pods. Valuable for its productiveness and disease-resisting qualities.

11 Brittle Wax or Round Pod Kidney Wax

Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.40
(53 days.) Early yellow Bean. Pods large, 6 inches long, round, yellow, very brittle, absolutely stringless, remaining in good condition for use until full grown. Quality excellent.



Cherokee Wax
Vigorous Producer—Oval Pods



Pencil Pod Black Wax

16 Golden Wax,

Top Notch Strain

Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.40
(51 days.) Produces a good crop of straight pods, 5 inches long. Stringless and brittle, with thick, oval pods of golden yellow color. Extra early.

17 Puregold

Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60; 10 lbs., \$5.00
(56 days.) Delicious long-season wax Bean. Tops in quality, it has long, round meaty pods of a rich golden color. The flesh is tender and brittle, and ideal for home use, canning and freezing. It bears heavy crops of beautiful pods ripening over a long period.



GARDEN SIZE—For Peas, Beans, Sweet Peas, Lima Beans. Enough for 8 pounds of seed. Price, 15c each.

Bush Green-Podded Beans

38 Longreen Pkt., 15c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60; 10 lbs., \$5.00
(52 days.) Also called "Long Tendergreen." New, extra long, round-podded green Bean. Tasty in every way. A vigorous grower, producing heavy yields of the choicest Beans, 1 inch longer than Tendergreen, and straight. Fine for canning and freezing.

46 Tendergreen

Pkt., 10c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60
(52 days.) The pods are thick and meaty and have a wonderful flavor and tenderness. It matures quite early and the sturdy, vigorous vines produce big yields of straight, tender pods. Popular for market, roadside stands and home use.

BUSH GREEN-PODDED—Continued

37 Stringless Green Pod Improved

Pkt., 10c; 1/2 lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.00; 10 lbs., \$3.90
(53 days.) High quality for home and market. Early; extremely hardy and productive. Pods about 5 to 6 inches long, round, thick, fleshy, medium green color, stringless, brittle, tender, of very highest quality.

27 Bountiful

Pkt., 10c; 1/2 lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.00; 10 lbs., \$3.90
(48 days.) Excellent for home and market. Very early, pods 6 1/2 to 7 inches long, flat, thick, of green color. Stringless, fine quality.

35 Topcrop

Pkt., 15c; 1/2 lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.50; 10 lbs., \$4.80
(48 days.) The plants are about 18 inches high with spread of about 23 inches; they are vigorous and well branched. High yields, giving a few large pickings instead of many small pickings. Pods 6 to 6 1/2 inches long, round, slender when young but become fairly large when older. They are straight to slightly curved, smooth, stringless and without fiber. Being mosaic resistant, it has outyielded other varieties.



Long Tendergreen
Stringless—Early

36 Rival

Pkt., 15c; 1/2 lb., 35c; lb., 65c;
2 lbs., \$1.20; 5 lbs., \$2.50; 10 lbs., \$4.80
(50 days.) Developed by the U. S. Department of Agriculture. Is resistant to mosaic. The plants are 17-21 inches tall, upright to spreading with medium dark green leaves. The round pods of Rival are about 6 1/2 inches long, straight, brittle, entirely stringless, smooth and meaty. Well adapted to home and market growers.

25 Stringless Black Valentine (Improved Type)

Pkt., 10c; 1/2 lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.35
(52 days.) The pods are stringless and when young, are nearly round, becoming oval as they grow older. They are long, slim and straight; excellent for market.

44 Supergreen

Pkt., 15c; 1/2 lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60; 10 lbs., \$5.00
(52 days.) An All-America Selection. See page 4.

31 Dwarf Horticultural

Pkt., 10c; 1/2 lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.35
(Also called Roman Beans.) (53 days.) Excellent as a pod Bean or dried for a shell Bean. The seed is large, round and somewhat mottled. The pods are stringless, long, round, very thick and fleshy.

Bush Shell or Field Beans

51 Michigan Navy (Michelite)

Pkt., 10c; 1/2 lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.55; 10 lbs., \$2.90
(90 days.) Is immune to common mosaic. A selection of the White Navy introduced by the Michigan Agricultural College. In trials it has outyielded other white Beans.

57 White Marrowfat

Pkt., 10c; 1/2 lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.75; 10 lbs., \$3.35
(100 days.) (Perry Strain.) High quality, large, plump, white Bean for use dry.

53 Red Kidney

Pkt., 10c; 1/2 lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.75; 10 lbs., \$3.35
(95 days.) Large, dark red, yields heavily. Our stock grown from disease-resistant strain.

56 White Kidney

Pkt., 10c; 1/2 lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.75; 10 lbs., \$3.35
(100 days.) This is another good variety for baking and for soup. Beans are white and larger than either the Navy or White Marrowfat.

Bush Lima Beans

A packet will plant 20 feet of row; 1 pound about 150 feet; 60 pounds per acre.

Plant after danger of frost in a fertile, well drained, mellow soil, 1 inch deep, 4 inches apart in 3- to 3 1/2-foot rows.

65 Fordhook Bush Lima

Pkt., 15c; 1/2 lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60

(75 days.) Yield, quality and appearance have made Fordhook Bush Lima a foremost home and market growers' variety. The flavor of Fordhook is outstandingly sweet and delicious. They are strong and upright in habit. The pods are borne in what may be termed "clusters." The individual pods are 4 to 5 inches long.

66 Fordhook 242

Pkt., 15c; 1/2 lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60

(70 days.) An earlier, larger yielding Fordhook. See page 2.

62 Burpee's Improved Bush Lima

Pkt., 15c; 1/2 lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60

(75 days.) Fine flavored; big, broad, meaty Beans. It is an enormous yielder, bearing in close clusters as many as 11 pods, containing 3, 4 and 5 Beans. The Beans are much larger and nearly twice as thick as the old Burpee's Bush, and mature a week earlier.

68 Henderson's Bush Lima

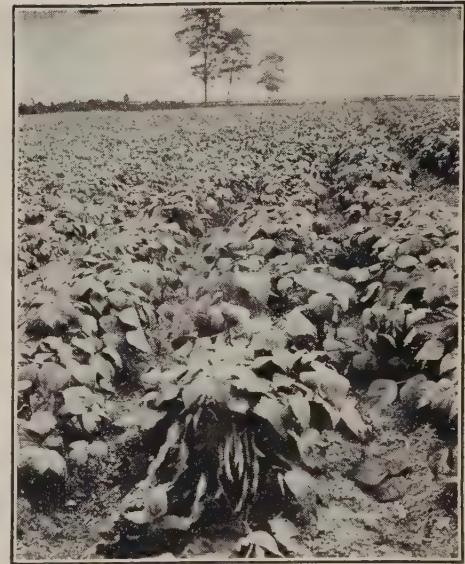
Pkt., 10c; 1/2 lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.30

(65 days.) ("Baby" Lima or Butter Bean.) Small Beans but very tender and of exquisitely rich, buttery, Lima flavor, whether used green or dried for winter. Popular for canning.

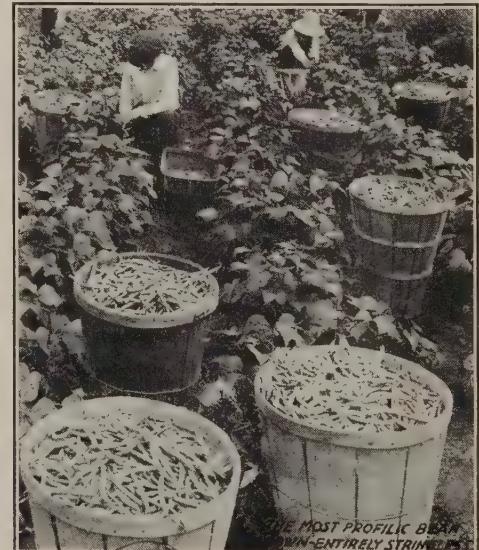
64 Early Market

Pkt., 15c; 1/2 lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60

(65 days.) This is the earliest of the large-seeded ones and highly productive. It pleases growers, being ready for market early when prices are high. In plant type, growth and habit is very similar to old Burpee's Bush. Pods are longer, not so curved, and with a higher percentage of four-Bean pods. It is replacing the old Burpee's Bush Lima, being earlier and more dependable.



Field of Stringless Green Pod Improved
at Melrose Gardens



Bountiful
Early, Prolific Bearer

Pole or Corn Beans

1 pkt. will plant about 20 feet of row or 15 hills;
1 lb. for 100 hills; 30 lbs. per acre.

Plant after danger of frost, in a warm, fertile and well drained, mellow soil. Drop 3 to 5 seeds, $\frac{1}{2}$ inches deep, per hill, 2 to 3 feet apart in the row and 3 to 4 feet between rows. Use 7- to 8-foot poles set 2 to 3 feet in the ground. Where seed is dropped 4 inches apart in 4- to 5-foot rows, trellis may be built with well braced end poles. Shallow planting in a well drained soil is advised to overcome soil-borne organisms, frequently responsible for a poor stand. Pole Beans may be planted with Corn.

90 Early White Half Runner

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60 (50 days.) This is exceptionally prolific. Vines are light green and are 16 to 22 inches in height. They have short runners. Pods are light green and about $5\frac{1}{2}$ inches in length, containing 5 to 8 Beans. Stringless when young. Also excellent as a dry shell Bean. Flavor equal to or better than Navy Beans.

79 Holmes' Butter Bean

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.50; 10 lbs., \$4.70 (They ripen earlier than the Lima Bean. The pods hang in clusters, and they are much thicker through than the Lima. More delicious than the Lima. We want every gardener to give these Beans a trial and be convinced that they are all we represent them to be.

Holmes' Original Butter

80 Kentucky Wonder

Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.40 (Old Homestead.) (65 days.) Continues to bear throughout the season, if the pods are picked as they mature. Pods are 9 to 10 inches long, very deeply creased, meaty, stringless when young and of finest quality.

85 Lazy Wife Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.30; 10 lbs., \$4.35 (74 days.) Broad, thick, fleshy, green pods, entirely stringless. Pods average 6 inches and are borne in great abundance. The white Beans may be used as soup Beans if allowed to dry in the pods.

84 King Horticultural

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60 (65 days.) Known as Worcester Pole. An improvement on London Horticultural or Speckled Cranberry; has larger Beans and pods, matures earlier. The pods are round, thick, 7 inches long, becoming splashed with carmine at green shell stage, entirely stringless, fine quality.

82 Kentucky Wonder Wax

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.35; 10 lbs., \$4.50 (67 days.) Heavily productive. Early. Pods are waxy yellow, 8 inches long, perfectly stringless, fleshy, brittle and tender.

Pole Lima Beans

102 Holmes' Green Prolific Lima

Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40; 10 lbs., \$4.60

(85 days.) Introduced by H. L. Holmes. The most productive Pole Lima Bean. Grows green, stays green. This Pole Lima was originated near Philadelphia, Pennsylvania, over sixty years ago by Mr. Lafferty, a renowned market gardener who specialized in growing Lima Beans for family and hotel trade. We find the Bean is far more productive than any other Pole Lima. The large pods hang in clusters of from five to eight, which makes them easy to gather, each having five to six Beans in a pod.

103 King of the Garden

Pkt., 10c; $\frac{1}{2}$ lb., 35c;

lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.35; 10 lbs., \$4.50

(80 days.) This variety produces large, flat pods of good quality, containing 5 or 6 large Beans. Very prolific.



Holmes' Green Top
Tender and Delicious



Fordhook 242
Lima



Holmes' Green Prolific Lima



Early Wonder
Rich Red Color

Beets

A packet will sow 20 feet of row; 1 ounce 75 feet; 10 pounds per acre, in rows 14 inches apart.

Enjoy the luxury of delicious, tender Beets on your menu from early summer through frost. Of easy culture, the first seeding may be made as early as the soil in your garden is in a workable condition. Don't forget to thin your seedlings to stand 2 or 3 inches apart in the row. Why not sow a row of Beets between the rows of early Cabbage in your garden? A seeding in July will supply you with fall Beets for winter storage.

237 Detroit Dark Red

(60 days.) The excellent quality of this Beet has made it one of the leaders for the home, market garden, and canning. It has few equals for late summer and fall use in the home garden. The root is globe-shaped and smooth, with dark red flesh and the zones are almost indistinct. Our stock is without equal for color. Tops dark green tinged with red. Main crop variety, splendid for fall use and to store for winter.

BEETS—Continued

242 Early Wonder

Pkt., 10c; oz., 25c; 1/4 lb., 70c; 1/2 lb., \$1.05; lb., \$1.85
(45 days.) This variety is recommended for early spring sowing. Slightly earlier than Crosby's Egyptian. Tops are medium small and erect, while the roots are blood-red, semi-globular with a small tap root. They are tender and of good quality.

248 Holmes' Green Top

Pkt., 15c; oz., 35c; 1/4 lb., 90c; lb., \$2.50
(80 days.) In quality it stands alone. It is one of the most tender of Beets, of delicious flavor and is absolutely unsurpassed for quality by any Beet we know of. This grand, main-crop Beet—Holmes' Green Top—has a tapering root. The flesh is a handsome dark red, is sweet and tender at all stages of growth, regardless of size. Holmes' Green Top will keep tender all winter. The quality of Holmes' Green Top Beet has no equal.

252 Ohio Canner

*Pkt., 15c; oz., 35c;
1/4 lb., 90c; lb., \$2.50*

(55 days.) Introduced by the Ohio Experiment Station. All agree that the color is a much darker red than that of the Detroit Dark Red which they were growing. The top is unusually short; the root shape is a little flatter than that of the Detroit, with a fine small tap root.

238 Perfected Detroit

Pkt., 10c; oz., 30c;

1/4 lb., 65c; 1/2 lb., 95c; lb., \$1.75

(55 days.) Where more top growth and larger Beets are desired this is the strain to plant. An excellent



Detroit Dark Red
Dark Red—Globe-Shaped

Perfected Detroit

strain for the canning trade where Beets are required for dicing. Recommended as an excellent variety for bunching. The interior of the root is a deep red color.

235 Crosby's Egyptian

Pkt., 10c; oz., 30c; 1/4 lb., 70c; 1/2 lb., \$1.05; lb., \$1.85

(48 days.) Very early, making a good strong top. The Beets are dark red in color with small tap roots. Interior is dark red color.

SWISS CHARD (See page 28)

Mangels and Sugar Beets

A packet will sow 25 feet of row; 1 ounce 100 feet; 6 pounds will plant an acre.

A very valuable and economical food for cattle and sheep. Sow the seed in May in rows 2 1/2 feet apart. Mangels are easily harvested, and can be stored in a cold cellar or pit where they will keep all winter.

267 Danish Yellow Giant

Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.15

(120 days.) This Mangel is a strain of the yellow variety. It grows to a very large size, producing extremely heavy yields. Deep yellow skin with white flesh. Grows two-thirds above the ground.

269 Mammoth Long Red

(120 days.) Very large; red flesh.

Broccoli

A packet will produce about 200 plants; 1 ounce about 2000 plants; 4 ounces per acre.

Many people who enjoy the delicious flavor of fresh or frozen Broccoli do not realize how easy it is to grow. Simply sow the seed in the open ground in May. When the plants are large enough, transplant into the garden about 2 1/2 feet apart each way. The large center head develops first, and after this is cut, the plant forms numerous branch heads which can be used later. A few plants provide a continuous supply throughout the season. Very profitable for market and roadside stands as the yield is large and Broccoli nearly always sells for good prices.

270 Italian Green Sprouting Calabrese

Pkt., 15c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$1.75

(70 days.) The Best Heading Kind. This special strain is by far the best we have ever seen. It is sure-heading and uniform, each plant producing a large center head and many side shoots. The heads are compact, firm and of the highest quality, and they are excellent for freezing. We recommend this stock most highly for both market and home gardeners.

271 De Cicco

Pkt., 20c; 1/2 oz., 45c; oz., 85c; 1/4 lb., \$2.25; lb., \$6.50

(60 days.) Broccoli has become such a popular vegetable that this early strain will be a welcome addition to most gardens. It is ready to eat a week or ten days ahead of Italian Green Sprouting, and the sturdy, light green plants produce big heads and quantities of side shoots that are delicious, fresh and adapted to freezing. De Cicco has proved to be the earliest strain of any real value yet developed.

Brussels Sprouts

1 pkt. produces about 300 plants; 1 oz. 3000 plants; 1/4 lb. will plant an acre.

Culture similar to that of late Cabbage. Sow outdoors from May 1 to June 1, and transplant in 5 to 6 weeks or thin to stand 2 by 3 feet apart.

276 Catskill

Pkt., 20c; 1/4 oz., 70c; 1/2 oz., \$1.25; oz., \$2.25; 1/4 lb., \$8.00

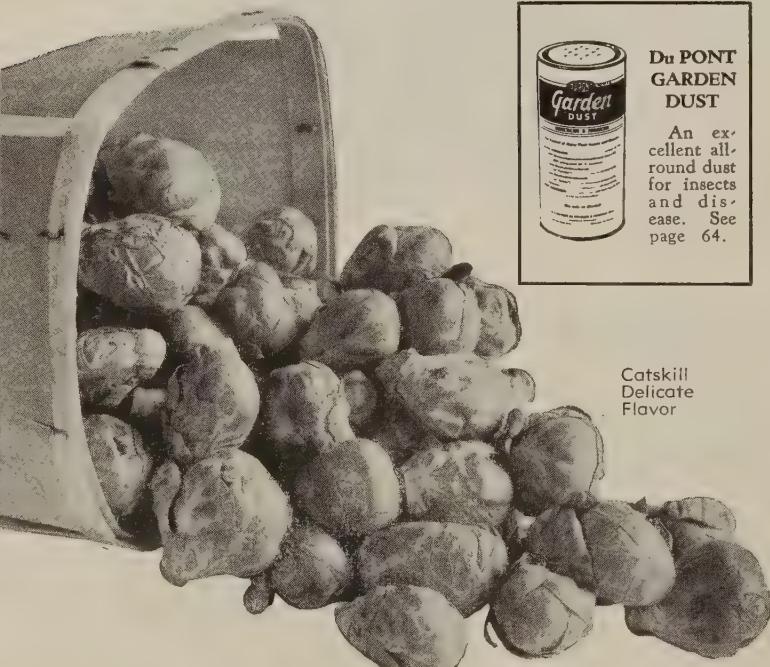
(90 days.) Developed in the Catskill Mountain sections where the finest sprouts in the country are grown and used almost exclusively by growers there. Plants are very dwarf, compact and uniform, and will produce an abundance of large, firm sprouts. This strain will produce sprouts when all others fail.

275 Long Island Improved

Pkt., 15c; 1/2 oz., 45c; oz., 80c; 1/4 lb., \$3.00

(90 days.) Plants dwarf and compact; 20 inches tall; very uniform. Stems are covered with firm, round, Cabbage-like balls, 1 1/2 inches in diameter, which mature in succession.

Catskill
Delicate
Flavor





Golden Acre Special
Early—Small Head

Cabbage

One ounce of seed produces about 1500 to 2000 plants sown in open ground or 3000 plants if sown in frame; a packet about 250 plants; 4 ounces will produce plants for an acre.

For early harvest sow in flats under glass, 8 to 10 seeds per inch in 2-inch rows from February to March. Transplant in flats 2 by 2 inches when the first true leaves appear. Avoid crowding, drying out or over-watering. Harden off by gradual exposure and withhold watering a week or 10 days before setting in the field. Soak thoroughly just before transplanting. Set outside 14 to 18 inches by 24 inches apart as soon as ground can be prepared after danger of hard frost. When transplanting, the field soil should be slightly richer than the soil in which the seedling plants were grown. For later harvest sow at two-week intervals outdoors 5 to 6 weeks before transplanting in the field. If you want high quality and bigger crops, plant Holmes' Cabbage seed.

295 Golden Acre

(64 days.) This variety is a fine strain, round-headed Cabbage for early marketing and shipping.

It is very profitable to grow. Plants are dwarf and compact, with few outer leaves, allowing very close planting. Our stock produces the finest type, and should be used where superior stock is desired.

296 Golden Acre Special

Pkt., 15c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.55

(90 days.) Earliest and purest strain of Golden Acre available. Heads are round, medium and will mature early in July. The uniformity of the strain makes it possible to be harvested within ten days from the first cutting. This strain heads up solid right from the start and the Cabbages are a small size when matured.

286 Copenhagen Market

(66 days.) This is a valuable, early, round-headed variety. It is excellent for early market and shipping. Also valuable as an early variety for kraut. Plants are compact, stems short, and heads uniformly round, of high quality.

292 Early Jersey Wakefield

(62 days.) A standard early sort with pointed heads. Heads are of a fair size and very compact. Our strain is very early; practically all the plants produce heads of the correct shape and mature almost at the same time.

294 Glory of Enkhuizen

(77 days.) Heads large in size, round, solid, uniform in shape and maturity, of very good quality. The heads will range from 6 to 7 pounds in weight. This variety is popular for market and home use. One of the most desirable for kraut. We offer a very fine strain, none better.

304 Penn State Ballhead

(95 days.) (Short Stem.) Most popular strain of Danish Ballhead type of Cabbage for storing for winter use. The strain that we offer has been particularly selected to produce a heavier, solid head on a short, thick stem and yield a heavy tonnage per acre. Our strain forms a solid head right from the start of growth. They sometimes can be marketed very profitably before maturity in September, or can be left to mature for storage. Penn State Ballhead is a profitable variety and you will be pleased with our strain.

306 Premium Flat Dutch

(95 days.) This has been a favorite in many Cabbage growing sections as a late fall or winter variety, making large, much flattened heads of remarkable solidity. Keep well throughout the winter.

288 Danish Ballhead (Short Stem)

Pkt., 10c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$1.75

(95 days.) A leader among Cabbage for winter because of its solid, hard head and excellent keeping qualities. The heads are round, uniform in shape, size and color. Average weight per head 7 pounds. We recommend Danish Ballhead Short Stem to particular growers.

330 Mammoth Rock Red

(90 days.) This is the largest and best of the red types. This carefully bred strain we offer produces fine, large, solid heads of good color.

308 Savoy Chieftain

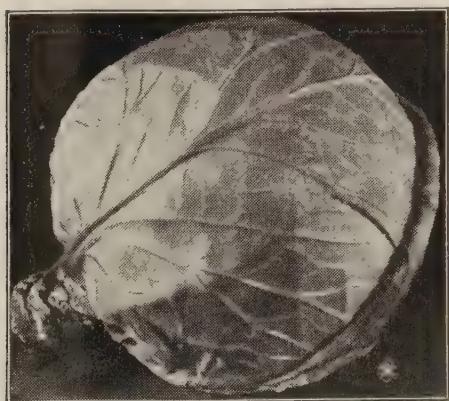
(88 days.) Here is a superb Savoy that is early and will please the particular gardener. This strain has been bred for market garden purposes. It is short-stemmed, compact, dark green, densely curled, and exceptionally hard-heading. Superior to American Savoy. Always satisfies.



A Field of Our Golden Acre
Note Its Uniformity



Penn State Ballhead
Most Excellent for Fall and Winter



Danish Ballhead
Excellent Late Variety

316 Bugner

(100 days.) Because it is yellows-resistant, this old variety is becoming more in demand. It is later than Danish Ballhead, and has larger and more flattened heads. A heavy producer. Popular with market growers.

318 Golden Acre Y. R.

(68 days.) (Yellows-Resistant.) This strain developed from Golden Acre. It is the same type as Golden Acre Special, 3 to 4 days later. We recommend planting it on soils infested with yellows. Produces heads ready for cutting two weeks earlier than Marion Market. It is a uniform strain, maturing very early.

321 Marion Market

(75 days.) (Yellows-Resistant Copenhagen.) Resistant to "yellows." Early, round head, short stem. Excellent quality. Use Marion Market if you are bothered with disease. A sure header.

325 Wisconsin All Season

(90 days.) (Yellows-Resistant.) Very valuable in localities infested with the disease known as "Cabbage yellows." Used for kraut, also valuable for winter keeping. Heads large, 10 to 12 inches across, 8 inches deep, and weigh 9 to 10 pounds.

327 Wisconsin Hollander

(100 days.) (Yellows-Resistant.) Splendid late Cabbage for storage, shipment and kraut manufacture on land infested so badly with the "yellows" disease that other varieties failed completely. Heads large, globular, very firm. Keeps well until spring.

Chinese Cabbage

A packet will sow 30 feet of row; 1 ounce 300, to 400 feet; 4 ounces per acre.

We advise that the seed be sown in July or August (not earlier) because Chinese Cabbage has a tendency to bolt to seed in warm weather. Sow where the plants are to remain in rows 2½ feet apart, 18 inches apart in the row. It is very easily grown and takes very little space. The crop matures in from 8 to 10 weeks.

335 Chihli

(70 days.) This is the grand new strain of Chinese Cabbage. Grows 18 to 24 inches tall and 5 to 7 inches in diameter, with straight and narrow crown. Interior bleaches creamy white, crisp and delicious. It is a good keeper and shipper. We have proven seed.

338 Michihli

(70 days.) A new improved strain of the Chihli type which has greater uniformity and surer heading characteristics. The plant is vigorous, has rich dark green outer leaves which produce a well blanched, long folded head that is crisp, tender and of fine flavor.

Carrots

A packet will sow 30 feet of row; 1 ounce 200 feet; 3 pounds per acre.

Golden Carrots, served cooked or raw, are a welcome delicacy on a menu the year around. If you have a sandy corner in your garden, sow your Carrots there for the smoothest roots. Several rows reseeded at regular intervals from early spring through July, will provide you with a good supply of this garden favorite. Don't neglect to thin the plants to a distance of several inches apart. Gardeners classify Carrot seed as a slow germinator.

349 Nantes or Coreless

(65 days.) This is the most popular strain of Carrot that we list. This is due to its excellent quality. The texture of the root is very tender and delicate and referred to as coreless. It is cylindrical, tapering to a blunt end that averages 6 to 7 inches in length.

340 Chantenay Red-Cored

(70 days.) Growers have been looking for a coreless Carrot of the Chantenay type. Here it is at last. Instead of the light colored core which has always shown in the Chantenay and Danvers, this new strain has the deep orange-red color through to the center. The strain we offer is very smooth and uniform in shape.

341 Chantenay Long Type

(70 days.) This highly refined strain has been developed to fill the requirements for a bunching Carrot of the longer type Chantenay. The roots are 1½ inches longer and have all the other good qualities of the regular strain.

350 Nantes Strong Top

(65 days.) This strain has been particularly developed for a stronger top which is essential on heavy ground where the tops break off easily when being pulled. The type of the root in all other respects is similar to the Nantes or Coreless. Exceptionally good for bunching and as a topped Carrot.

356 Tendersweet

(75 days.) (All-America Winner.) Rich orange-red, crisp, sweet, tender; always smooth and uniform; delicious all season. It is practically coreless, and its shape is long and somewhat tapering with strong top. It fills the demand for a long Carrot.



Touchon
Early Maturing Strain

Cauliflower

*One ounce will produce 1500 to 2000 plants, or about 3000 plants in frames
a packet about 150 plants; ¼ lb. per acre.*

Early and late Cauliflower plants are grown the same as Cabbage. Richness of soil and evenness of moisture are essential to the best culture. When the heads have developed to several inches in diameter, draw the leaves together at the top and tie with a soft string. Mix Peat Moss with the soil in your plant bed for better roots and sturdier plants.

361 Snowball (Perfected Strain)

(65 days.) Our strain produces excellent, heavy, snow-white heads which are very deep and solid, compact and snow-white. They are well protected by plenty of long leaves close around the head. Will stand more adverse soil and weather conditions than other varieties. Heads are very uniform and the thick curds are of the best quality for table use and FREEZING. The best maturing, early, all-around Cauliflower and is also the best for late and main crop and for home and market growers.

362 Super Snowball

(55 days.) Best early variety. Best suited for starting in the greenhouse for early spring planting to mature in mid-June. Plants mature evenly and heads are well protected by leaves. Our strain can be harvested in about 10 days from the first cutting. This is necessary in an early crop of Cauliflower which must be harvested before the warm weather of July which affects the quality of all Cauliflower. Recommended for planting for early market.



Snowball Perfected Strain
Popular Midseason Strain

CAULIFLOWER—Continued

363 Snowdrift

Pkt., 25c; 1/4 oz., 90c; 1/2 oz., \$1.70; oz., \$3.00.
(60 days.) Also called Improved Holland Erfurt and White Mountain. The best second early or main crop. Most vigorous type of Snowball, matures about a week later than Holmes' Snowball and produces large, solid heads that will stand more adverse weather conditions. The pure white heads are very deep and solid. Recommended for main crop where large, solid heads are required.

Celery

A packet will produce 400 to 500 plants; 1 ounce about 8000 plants; 1/4 lb. per acre.

Early Celery in Northern Ohio is seeded in the greenhouse or seed flat indoors in February. Celery seed being very small, the soil must be prepared finely and the seed covered slightly. When the resulting seedlings have 2 or 3 true leaves, transfer them to another flat or cold frame, 1 to 1 1/2 inches apart. Mid-May usually finds weather conditions sufficiently well settled to set your plants outdoors. Avoid planting deeper than the previous soil level. Set plants 4 to 8 inches by 24 to 48 inches apart. Late Celery seeds are sown in an outside seedbed as early as the soil is in a good workable condition. The plants are customarily transplanted 6 inches apart in rows 3 to 4 feet apart in the field in July.

385 Holmes' Emperor

Pkt., 15c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.75
(135 days.) Still a greater favorite. This marvelous Celery was named and introduced by H. L. Holmes in 1912. It has taken the lead among the late Celeries and has a world-wide reputation. It excels all others, being the most solid and finest, crisp, nut flavored and best keeping sort. It is free from the stringiness common to other sorts. Plants are dwarf and therefore much easier to blanch. The tops are dark green while the outer stalks are smooth, almost perfectly round, exceptionally thick, very brittle and blanch a beautiful white with rich yellow heart. You cannot afford to be without Holmes' Emperor. It is simply delicious.

389 Summer Pascal

Pkt., 15c; 1/2 oz., \$1.15; oz., \$2.00; 1/4 lb., \$7.00; lb., \$25.00
(120 days.) Unique—Crisp—Nutty Sweet. Here is a beautiful Pascal Celery that can be bleached with paper or boards. It is full hearted, smooth, stringless, crisp, delicious and easy to bleach. Can be grown for early and late. Height medium with round, solid, dark green, smooth ribs. It outsells others and has brought a premium of 50 per cent or more than other Celery. Just the Celery you have been looking for.

368 Cornell 19

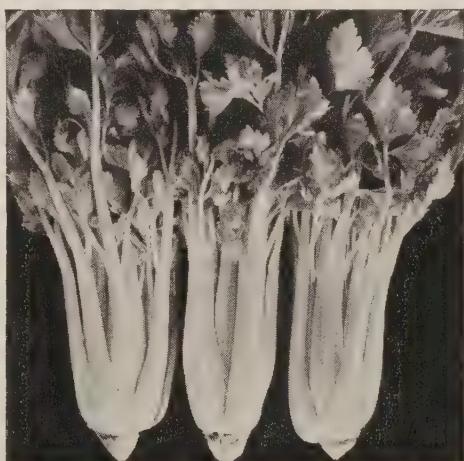
(100 days.) A yellow or self-blanching type with the excellent qualities of the Giant Pascal. The stalks are very long, smooth ribbed and deeply rounded, flesh thick and tender, stringless. Much finer flavor than other Celery. Resistant to yellows; recommended for main crop and storage. Be sure to try Cornell 19 this coming year.



This is Evidence of How Very Large Growers of Celery Prefer Our Strain of Summer Pascal



Holmes' Emperor



Golden Plume

377 Crisp No. 2

Pkt., 15c; 1/2 oz., 65c; oz., \$1.25; 1/4 lb., \$4.25

(125 days.) A more vigorous strain of the regular Salt Lake. Stalks are much greener and taller while the leaves are more finely cut. This strain is not affected by mottling of the leaves which affects other strains of Salt Lake and Utah in some districts.

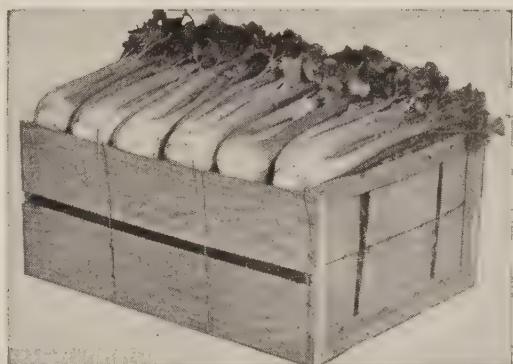
378 Utah 15

Pkt., 20c; 1/4 oz., 45c; 1/2 oz., 75c; oz., \$1.30; 1/4 lb., \$4.25
(120 days.) This Celery is a good green Celery and is a midseason maturing variety. Plants are large and heavy and composed of thick, round stems 8 to 10 inches to the first joint. It is smooth, attractive and uniform. Very erect in growth. The stems fold in at the base to make a compact, upright plant with full heart. The quality is excellent, crisp and fine flavored. It is a rather late type, tall, erect and vigorous with dark green tops. Recommended for both muck and upland. To get the large, thick Celery, give this variety more space—up to 8 to 10 inches apart in the row.

376 Celeriac, Giant Prague (Turnip-Rooted Celery)

Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.75

(110 days.) The fine sweet flavor and delicate fragrance superior to Celery comes out only after cooking. Scrub, boil in salt water; peel, slice, serve as a salad. Celeriac salad is delicious. Fine for winter storage.



Utah 15
Large Pascal Type

Sweet Corn

A packet will plant about 40 hills; 1 pound about 400 hills; 8 to 12 pounds to the acre.

The home gardener in Northern Ohio plants Corn as early as May 1st and as late as July 15th. For a succession of harvests, early, medium and late varieties are sown at the same time. Because they are smaller, early varieties are spaced 8 to 10 inches apart in 30- to 36-inch rows, while the larger and later sorts are placed 12 to 14 inches between plants. If you have not done so, by all means sow some of the new hybrid Corns—they are rapidly replacing many of the old standbys.



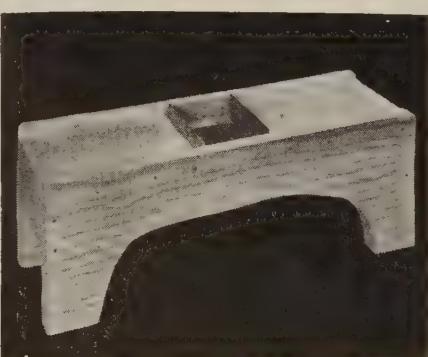
Marcross Hybrid
Wilt-Resistant—Early

Treated Corn Grows Better!



We find the Seed Corn, even of high vitality, which has been treated with Spergon has twice the chance of growing and making a good stand under unfavorable weather conditions, than untreated seed has. The cost is so small and the method so easy that all growers should take advantage of this easy Crop Insurance. (2 ounces treats 1 bushel of Corn.)

Price: 1 oz., 25c; 5 ozs., \$1.00;
1 lb., \$2.25.



TRY THIS CORN GRATER

The simplest and easiest way to prepare Corn for baking. Sturdily built of maple to last a lifetime.

Price, \$2.00, postpaid

117 Evergreen Hybrid (White)

Pkt., 15c; 1/2 lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.75; 10 lbs., \$5.20 (90 days.) You've tried the yellow hybrids, now test the superiority of this Corn of the Stowell's Evergreen type. Plants grow 8 to 10 feet tall, ears measure 7 1/2 to 8 1/2 inches, with 14 to 18 rows of deep, narrow kernels. There's a lot of good Corn on every ear of this hybrid.

Hybrid Sweet Corn

Listed in order of earliness.

132 Improved Spancross

Pkt., 15c; 1/2 lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.75; 10 lbs., \$5.20

(62 days.) Our improved strain. One of the best extra early. An extra early hybrid which matures ahead of Golden Early Market and has 6 1/2 to 7-inch ears with 10 to 12 rows of yellow kernels of good quality. It is resistant to bacterial wilt. Height of plants 4 to 5 feet. A prolific yielder. One of the earliest hybrids yet developed.



Golden Rocket
Early Hybrid—Large Ear

133 Golden Rocket

Pkt., 15c; 1/2 lb., 40c; lb., 75c; 2 lbs., \$1.40; 5 lbs., \$2.90; 10 lbs., \$5.35

(65 days.) Introduced in 1947. Fills the requirements for an early maturing Corn with a good sized ear 6 1/2 inches long, 10- to 12-rowed. Similar in size to Marcross but it matures about one week earlier. Recommended for early main crop.

125 Washington

Pkt., 15c; 1/2 lb., 40c; lb., 75c; 2 lbs., \$1.40; 5 lbs., \$2.90; 10 lbs., \$5.35

(66 days.) A new early hybrid. See page 4.

124 Marcross

Pkt., 15c; 1/2 lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.75; 10 lbs., \$5.20

(68 days.) An early type, maturing 4 or 5 days later than Spancross, and has large ears 7 inches long, mostly 12-rowed, with light yellow kernels of good quality. Wilt-resistant. Height of plants 5 to 6 feet. A surprisingly good yielder, well known and popular.

115 Carmelcross Improved

Pkt., 15c; 1/2 lb., 40c; lb., 75c; 2 lbs., \$1.35; 5 lbs., \$2.75; 10 lbs., \$5.20

(72 days.) Ears 8 inches, cylindrical, 12-rowed. Kernels like Golden Cross but deeper, light golden, tender, very good flavor. Yields more marketable ears than Marcross. It should replace others in its maturity period. Carmelcross is an excellent hybrid in all respects.

122 Lincoln

Pkt., 15c; 1/2 lb., 40c; lb., 75c; 2 lbs., \$1.35; 5 lbs., \$2.75; 10 lbs., \$5.20

(80 days.) A big midseason hybrid Corn 7 to 8 feet tall with excellent large ears, well filled over the tips; attractive in appearance; the husks long and tight. Ears 8 inches long, 12 to 16 rows with kernels bright golden color of excellent quality. In trials it has proven its outstanding ability to produce excellent crops.

119 Golden Cross Bantam

Pkt., 15c; 1/2 lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.75; 10 lbs., \$5.20

(84 days.) Very resistant to bacterial wilt, very productive and of exceptional quality and flavor. It is quite uniform in growth and maturity and is especially adapted to market, canning, and home gardens. Plants 6 feet tall, are dark green and leafy. Ears 8 inches long, 10 to 14 rows and broad, medium yellow kernels. Holds its stock in edible condition longer than any other variety. Husk covering affords considerable protection against ear worms.

120 Ioana

Pkt., 15c; 1/2 lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.75; 10 lbs., \$5.20

(86 days.) All-America Winner, maturing about the same time as Golden Cross Bantam. Is of fine quality. The plant is strong and robust, producing large ears (8 inches long) with 12 to 14 rows of sweet, tender, bright yellow kernels. It is one of the heaviest yielding Corns and is drought-resistant, highly resistant to wilt. We highly recommend this new hybrid Corn.

127 Ohiogold

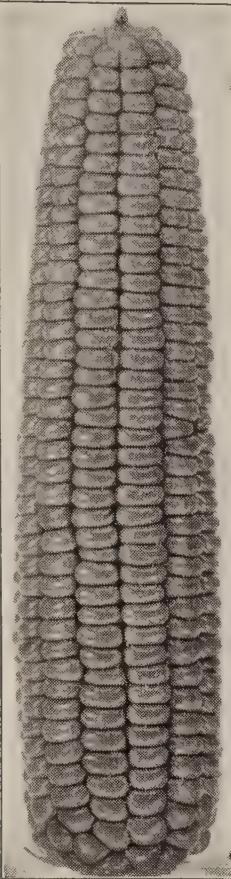
Pkt., 15c; 1/2 lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.75; 10 lbs., \$5.20

(90 days.) Higher yield—excellent quality. Its stalks are tall and a few days later in maturity than those of Golden Cross Bantam. Yields of Ohiogold have exceeded those of Golden Cross Bantam by about 25 per cent. The ears are long and large, and carry 12 to 14 rows of medium deep, tender yellow kernels—quality good. Market growers who planted Ohiogold were very well pleased with performance and have placed sizeable orders. This speaks for itself.



Carmelcross Improved
Large, Second Early and Delicious

Standard Yellow and White Varieties



Golden Cross Bantam
High Yielding—Uniform

Your catalog has been a help to me in straightening out the varieties because of the definite descriptions and the splendid illustrations.

Mrs. E. H. Cromer
820 Elm St.
Van Wert, Ohio



Purdue Hybrid

161 Golden Sunshine

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(74 days.) Ready for market a week before Golden Bantam. Plant grows more dwarf, ears closer to the ground. Ears 7 to 8 inches long, 10- to 12-rowed, golden yellow, sweet and tender. A money-maker for the enterprising gardener.

135 Aunt Mary's

Pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.05; 10 lbs., \$3.70
(80 days.) Many growers of Sweet Corn are enthusiastic about Aunt Mary's, the sweetest of all white Corns. Being a Sweet Corn, it is very tender and has a most delicious flavor. Medium early.

158 Golden Early Market

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(65 days.) All around extra early Corn. Those who have tried this found it to be as early as any large yellow Sweet Corn yet introduced. Market growers find Golden Early Market profitable as it comes on the market just when the price is at the top notch. Ears about 7 inches long, have 12 to 14 rows of pure golden kernels. Excellent quality. One of the outstanding early Corns, and a moneymaker. Seed grown expressly for us.

155 Golden Bantam

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(78 days.) Early, golden yellow in color; ears 6 to 7 inches long, 8-rowed, of delicious flavor. A popular sort for the garden. Our stock has been carefully selected and is superior.

162 Improved Bantam

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(78 days.) A 10 to 14 row golden Corn with slightly larger ears than Golden Bantam.

156 Golden or Bantam Evergreen

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(90 days.) A cross between Golden Bantam and Evergreen; of fine quality. Ears 8 inches long, 14- to 16-rowed; grains rather broad and deep, rich golden yellow color.

138 Country Gentleman

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(Shoe Peg.) (98 days.) An especially fine quality Corn. Ears 8 to 9 inches long, cob small, white and densely covered with long, slender, white grains, without row formation.

146 Stowell's Evergreen

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(95 days.) (Selected Early Strain.) Our northern grown seed is earlier than the western grown. The Corn is of better quality and matures ahead of the usual Evergreen. Ears are 8 to 9 inches long, with 14 to 16 rows.

137 Black Mexican

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90; 10 lbs., \$3.30
(87 days.) Black. One of the sweetest and best; ears 8 inches long.

Pop Corn

One packet will plant 150 feet of row; 1 pound 400 feet;
4 to 5 pounds per acre.

172 South American (T.N.T.)

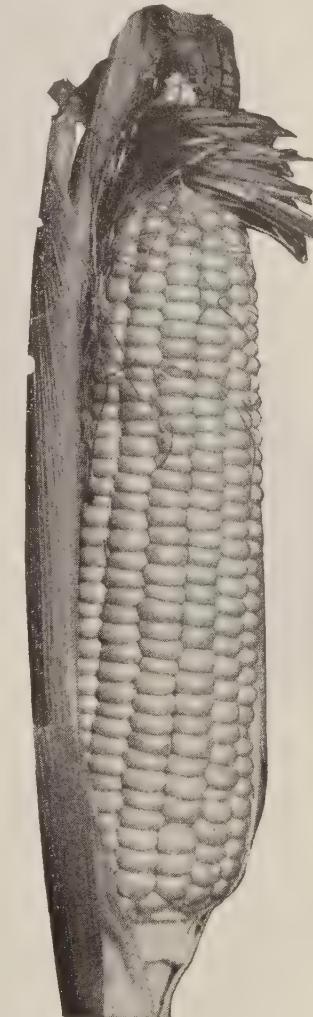
Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90
(110 days.) When popped, the kernels are larger than any other sort and of a rich creamy yellow. The flavor is delicious. The stalk grows 6 to 8 feet tall, producing two or more ears 9 or more inches long.

170 Japanese Hullless or Tom Thumb

Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90
(105 days.) Dwarf growing; heavy yielder; ears short, thick and uniform. The grain is of excellent popping quality and of delicious flavor.

171 Purdue Hybrid

Pkt., 15c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.35; 5 lbs., \$3.25
(100 days.) A new, early, yellow Pop Corn. Outstanding for its big yields and real popping quality, very tender and free of any objectionable fiber.



Improved Bantam
Larger Than Golden Bantam

Chives

500 A perennial plant. *Pkt., 15c; ½ oz., 40c; oz., 75c*
(90 days.) Chives can be raised easily. The green tops have a mild Onion-like flavor. Used for flavoring sauces, meats and salads.

Collards

400 Georgia *Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25*
(75 days.) Cultivation same as Cabbage, of which it is really a tall, loose-leaved form, grown for "greens." Plant 3 feet high, forming a cluster of tender leaves at the top of its long stem.

Cress

410 Fine Curled or Pepper Grass

Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., 95c
(45 days.) It grows very quickly and is of the easiest culture. The finely cut leaves may be used for flavoring salads, for garnishing, or as a green in sandwiches.

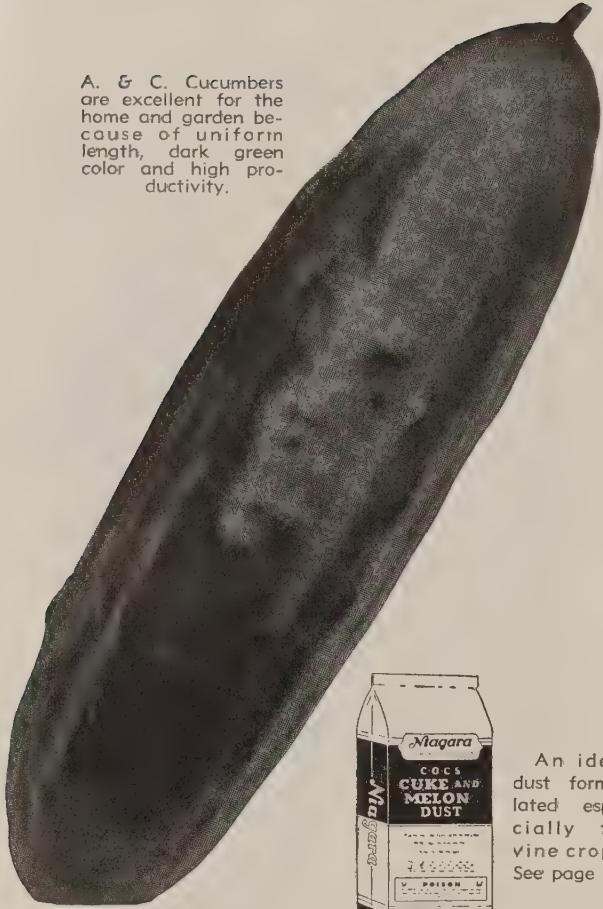
ALL OUR HYBRID SWEET CORN SEED IS TREATED

For better stands and bigger crops, we have treated all our corn with a suitable fungicide. If you plant in very cold soil, additional treatment with Arasan or Semesan Jr. is still recommended. See page 62.

PROTECT YOUR CORN FROM BIRDS Use Stanley's Crow Repellent

Effectively prevents crows and other birds from pulling up the seed. Not harmful, does not clog planter.
½ pt. (treats 1 bu.), 60c; 1 pt., \$1.00; qt., \$1.75

A. & C. Cucumbers are excellent for the home and garden because of uniform length, dark green color and high productivity.



An ideal dust formulated especially for vine crops. See page 63.

424 Cubit

Pkt., 10c; oz., 35c; 1/4 lb., 95c; 1/2 lb., \$1.50; lb., \$2.60 (70 days.) They are long, cylindrical in shape with blunt ends. They also have the same deep green color over the entire fruit, as A. & C. or Marketer. Surface is smooth, glossy, and handsome. Seed cavity is tiny, being enclosed in a deep, crisp, firm flesh of fine quality. It is excellent for marketing and shipping, as well as for home gardens.

439 Improved Long Green

Pkt., 10c; oz., 30c; 1/4 lb., 85c; 1/2 lb., \$1.35; lb., \$2.50. (68 days.) We consider this very handsome Cucumber to be an outstanding variety. Fruits, when mature, are about 10 inches long, 2 1/2 to 2 3/4 inches thick, uniformly slender, and of a rich deep green color. Sometimes the small fruits are used for sweet pickles.

440 Marketer

Pkt., 10c; oz., 35c; 1/4 lb., 95c; 1/2 lb., \$1.50; lb., \$2.60 (68 days.) An excellent early Cucumber that is new. During the years it has been on the market, customers' glowing praises have been added to tests which has proven it to be one of the most prolific varieties in existence. The fruit is a rich dark green that is carried down to the blossom end. The flesh is icy white. The average fruit is 8 to 9 inches in length and 2 3/4 inches thick.



Cucumber

A packet will plant 20 hills; 1 ounce about 75 hills; 2 lbs. to the acre; if drilled, use 4 lbs.

Rapid growth and high yields of this vegetable seem to be associated with thorough preparation of the soil, frequent shallow cultivation and ample supply of well-rotted manure in the soil. A sandy soil is preferred. The first two weeks in June are the best seeding dates. The most popular practice is to seed liberally in hills 3 to 5 feet apart, three or four of the healthiest plants being allowed to mature in each hill. For continued production, remove each Cucumber as it matures.

415 A. & C. Pkt., 10c; oz., 30c; 1/4 lb., 85c; 1/2 lb., \$1.25; lb., \$2.40

(68 days.) Has proven to be about the finest slicing variety ever introduced. A Cucumber that has no weak points. The long, slender fruits are very dark green; grow 8 to 9 inches long and 2 inches thick. A. & C. is one of the most popular Cucumbers grown today.

431 Early White Spine Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.20; lb., \$2.00

(60 days.) Heavy bearing qualities make it profitable to the grower. Plants are very strong, vigorous, and rich dark green color; fruit grows about 8 inches long. Early variety that can be put on the market when prices are high.

428 Early Fortune Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.20; lb., \$2.00

(66 days.) One of the finest types of White Spine. When fully grown measure 8 or 9 inches in length, 2 1/2 inches thick, slightly tapering at the ends. Color is dark green, flesh thick and firm, pure white in color. Vines are vigorous, productive and set fruit early.

443 Straight-8 Pkt., 10c; oz., 35c; 1/4 lb., 90c; 1/2 lb., \$1.50; lb., \$2.75

(66 days.) Fruits above 8 inches long, medium diameter, well rounded at ends. Dark green, free from striping and tipping. Has won much fame as a desirable "slicer." Excellent for the home market grower.

438 Longfellow Pkt., 10c; oz., 35c; 1/4 lb., 95c; 1/2 lb., \$1.50; lb., \$2.60

(72 days.) Long, slender, uniform shape, deep dark green color, with smooth skin and white flesh. When matured, 12 to 14 inches long by 2 1/2 inches in diameter. Very few seeds. An ideal type for the private garden or as a "straight pack" sort for shipment to market. We recommend it highly.

435 National Pickle (Pickler)

Pkt., 10c; oz., 30c; 1/4 lb., 75c; 1/2 lb., \$1.20; lb., \$2.00 (50 days.) Particularly uniform black-spined variety for production of high grade small pickles. Fruits are straight, symmetrical, full at the ends, 6 inches long, 2 1/4 to 2 1/2 inches in diameter when mature.

445 White Wonder

Pkt., 10c; oz., 30c; 1/4 lb., 75c; 1/2 lb., \$1.20; lb., \$2.00 (56 days.) The Cucumbers are white from the time they begin to set, and very good, either for eating fresh or pickling. Of fine quality and very productive. They average 8 inches long and 2 1/2 inches thick.

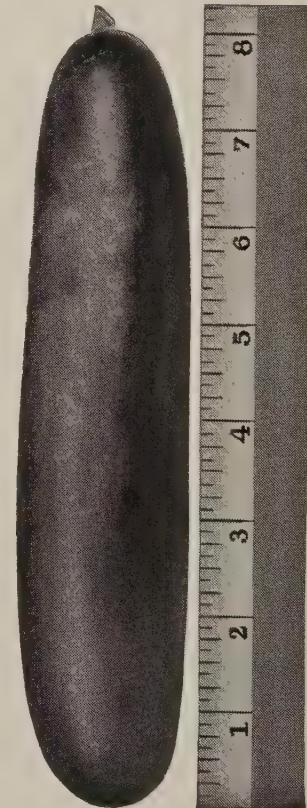
418 Boston Pickling

Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.20; lb., \$2.00 (60 days.) Early, plant very productive, fruits 6 to 7 inches long; 2 1/2 inches thick; slender, slightly tapering, medium color.

446 Burpee's Hybrid

Pkt., 30c; 2 pkts., 55c; 3 pkts., 75c; 1/2 oz., \$2.75; oz., \$4.75

(65 days.) Resistant to mosaic. Vines are extremely vigorous, and bear an abundance of well formed, green fruits 8 inches and more long, 2 1/2 inches wide at both ends. Square with medium seed cavity and excellent quality. Bears for a long time after others have ceased.



Straight-8
Smooth—Early—Prolific

COPPER-ROTELONE Controls Diseases and Insects.

Cucumbers must be kept dusted to protect them from insects and from disease, such as mosaic and bacterial wilt which are carried by the striped Cucumber beetle. Apply the dust lightly and evenly as soon as the plants appear and at regular intervals until full grown. **Copper Rotenone** is ideal for Cucumbers as it also helps prevent blight. For spraying use **Copper Spray C-O-C-S** and **Rotenone Spray**. See page 64.

Dandelion

One packet will sow 15 feet of row; one ounce sows 150 feet; 5 pounds per acre.

Sow in May or June, in warm, rich soil. Some of the plants will be ready for use in September, the remainder the following spring.

450 Arlington's Thick-Leaved

(95 days.) Dark green. This desirable variety has large thick leaves of excellent quality. Plants upright and far superior to common Dandelions.

452 Italian (Cicoria Catalogna)

(65 days.) The young Dandelion-like leaves make a tasty salad and are delicious when boiled as "greens;" may be cut several times a season. Use either blanched or green. Very easy to grow.

Dill

A packet will sow 10 feet of row; 1 ounce 50 feet; 5 lbs. per acre.

503 Long Island Mammoth

(70 days.) Annual. Sow in spring in spot you want it to grow as it does not transplant. Seeds and leaves are used in making dill pickles. Seeds are also used in soups, stews and for making dill vinegar.



Black Beauty
Big, Uniform Fruit

Eggplant

A packet of seed produces about 50 plants; 1 ounce about 2000 plants; 1/4 pound per acre.

Eggplants are a delicacy that gives variety to the menu of the home gardener and proves profitable to the market gardener. Sow inside about March 1st. Plant outside about May 20th or after danger of frost. Soil should be rich and well manured, although they favor only mild acidity. Diseases are less troublesome on acid soils.

455 Black Beauty

(80 days.) (Select.) This stock has been selected. It is early, yields exceedingly heavy and produces beautiful even colored, black, glossy fruits, which bring the best prices in the market. You will find this Select Strain uniformly profitable.

459 Long-Fruited Black Beauty

(80 days.) Stalk upright growth; more free of disease and better bearing. Color of fruit glossy black.



Green Curled—(Pink Ribbed)

Thank you very much for the prompt attention you gave to my order of bulbs and seeds. They are all coming up very nicely.

I am enclosing here another order.

Alexandro Martinez y Martinez
Ciudad Trujillo
Dominican Republic

Endive

A packet of seed will sow 15 ft. of row; 1 ounce 100 ft.; 4 lbs. per acre.

467 Deep Heart Fringed

(90 days.) All-America Winner. It is curled-leaf type, having fringed leaves and deep heart surrounded by pure white midribs. Growth is markedly upright. It won't disappoint you.

471 Green Curled Pancalier

(95 days.) Grows larger than Green Curled. It is later in maturing but when well grown on good soil, it forms a large full heart of fine quality. When blanched, the heads are delicate yellow in the heart and very attractive. Used largely by market growers.

465 Full-Heart Batavian (Escarolle)

Pkt., 10c; oz., 30c; 1/4 lb., 85c; lb., \$2.40

(90 days.) A broad variety with more or less twisted and waved leaves and thick white midribs. The inner leaves form a fairly firm head which blanches to a creamy white and is crisp, tender and of fine flavor. Unsurpassed for salads.

Fennel or Italian Finocchio

This is quite distinct from the common Sweet Fennel used for flavoring. It produces a large bulb at the surface of the ground which makes an excellent vegetable with a pleasant anise-like flavor. It is used cooked as vegetable and also fresh in salad.

Sow in rows 1 1/2 to 2 feet apart and thin or transplant to stand 6 to 8 inches apart. Sow in rich soil in May or June, and again a month later for fall use. When the plants are half grown, drag earth up to them to blanch the bulbs.

506 Florence

Pkt., 10c; oz., 40c; 1/4 lb., 95c

(110 days.) The standard variety and the kind used by most growers. Reliable producer of firm, even bulbs.



Herbs

Herbs delight in a rich, mellow soil. Sow in early spring in shallow drills 1 foot apart; cover lightly with fine soil, and when up a few inches thin out, or transplant into prepared beds. (*) are perennials.

| | Pkt. | 1/2 oz. | Oz. | Pkt. | 1/2 oz. | Oz. | |
|------------------|--------|---------|--------|---------------------|---------|--------|--------|
| 495 Basil, Sweet | \$0.15 | \$0.35 | \$0.65 | 507* Lavender | \$0.25 | \$1.50 | \$2.50 |
| 496 Borage | .15 | .35 | .65 | 509* Sage | .15 | .60 | 1.00 |
| 497* Caraway | .10 | .30 | .50 | 510 Summer Savory | .15 | .50 | .85 |
| 500* Chives | .15 | .40 | .75 | 511* Sweet Marjoram | .15 | .60 | 1.00 |
| 501 Coriander | .10 | .35 | .65 | 513* Thyme | .20 | 1.00 | 1.75 |
| 503 Dill | .10 | .15 | .25 | | | | |

Horseradish

200 plants to 100 feet of row; 10,000 to 12,000 per acre.

Place them horizontally in the ground, the thicker end a bit higher. Space them about a foot. You can dig them in the fall, but it may be better to give them two years to get big, sturdy roots. Mark off the rows 3 feet apart and set the roots 18 inches apart in the rows, the small ends down and the tops 2 inches below the surface.

Maliner-Kren (New Bohemian)

50c per doz.; 50 for \$1.50; 100 for \$2.50; 500 for \$8.00; 1000 for \$15.00

Superior to common variety, producing very large, pure white roots.

Postpaid: Strong sets, 6 to 8 inches long,

Kale or Borecole

One ounce of seed sows 200 feet of drill; 4 pounds per acre.

An excellent "green" for winter and spring. It is suggested you sow the seed thinly about July 1st and later thin the plants to 1 foot apart. Kale is hardy, cold and light freezing seems to improve the flavor. Remove leaves as needed and allow plant to produce new leaves which may again be harvested.

481 Dwarf Curled or Blue Scotch

Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00; lb., \$3.00

(60 days.) A dark bluish green color, which it retains. Low growing. It attains a fair size and produces a great mass of finely curled foliage. Very hardy.



Dwarf Curled Blue Scotch
Excellent for Winter Greens

Kohl-rabi

A packet will sow 40 feet of row; 1 ounce 200 feet; 4 pounds per acre.

Start seed in hotbed or cold frame and make succession plantings from April to August. The approved practice is to sow seeds in rows and thin to 4 or 5 inches apart in the row. Fleshy stems 1 1/2 to 3 inches in diameter are young and tender. Woody when older and larger.

485 Early Purple Vienna

Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.40

(55 days.) Short-leaved. Exterior purple; flesh white.

486 Early White Vienna

Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.40

(55 days.) Short-leaved. Exterior pale green; flesh white.



Cornell 456
Solid, Crisp Head

tory for this purpose than Great Lakes because the heads are light green in color, are large, solid and more refined in growth. Our strain of Cornell 456 develops heads of Lettuce the equal to California productions, which produce well under adverse, hot, dry growing conditions of July and August when Lettuce is in its greatest demand.

538 Imperial No. 44

Pkt., 15c; 1/2 oz., 25c; oz., 45c; 1/4 lb., \$1.25; 1/2 lb., \$1.80

"Iceberg" type. (82 days.) Observation, to date, indicates that Imperial 44 should be used for the earliest crop. All later plantings made up to July 5th should be of Cornell 456. Plants to mature after September 15th should be of Imperial 44. Excellent for muck or upland soils.



Premier Great Lakes
Stands Well in Summer

521 Big Boston

Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.20

(76 days.) The heads being large are firm and good quality, uniformly solid, compact, stand for a long time. Big Boston is excellent for late crop, as it heads well in cold weather and is not injured by early frost. You will find our strain exceptionally fine.

520 Bibb

Pkt., 15c; 1/2 oz., 25c; oz., 45c

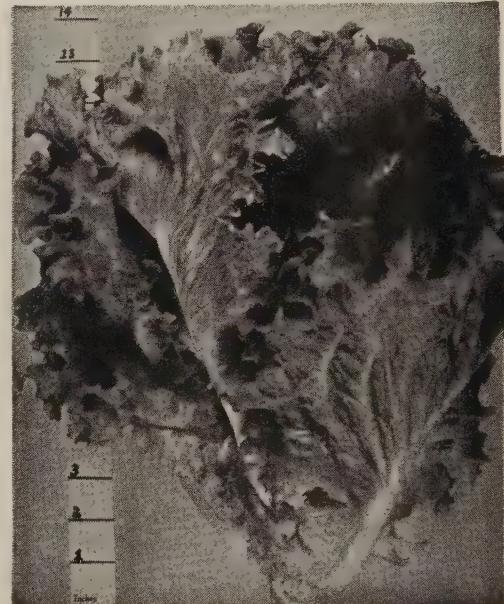
60 days.) A small, loose head Lettuce which produces crisp, tender and distinctive flavored leaves. The outer leaves are deep, glossy green with interior bleaching to a rich yellowish, waxy green. Rich in vitamins.

556 White Boston (Sure Heading)

The most popular "Butterhead" Lettuce. The leaves are light green and smoother and more tender than the crisp heading types, and they form excellent, tightly folded heads of the most delicious quality and flavor. This variety heads well under all conditions and is resistant to tipburn, making it very valuable for large growers on both muck and upland. It is also the best butterhead type for home gardens.

544 Progress (New)

(80 days.) Developed by the U.S.D.A. and the New Jersey Experiment Station, Progress has proved an excellent new Iceberg type for that state. It resembles Imperial 44, matures at about the same time, but has a distinctive bright green color and more tip-burn resistance. The crisp leaves are well savoyed or blistered with a fringed edge and the heads are firm, attractive and of very fine quality. We believe many growers will be greatly pleased with this delicious new variety.



Grand Rapids Resistant
Stocky—Extra Heavy



Slobolt
Longest Standing Loose Leaf

527 Crisp-as-Ice

(76 days.) A fine, early, solid head Lettuce, very compact, crisp, tender and of excellent quality. The edges of the leaves are tipped with brown. One of the best early varieties for the home garden.

531 Grand Rapids

(42 days.) Leaves are crumpled, curled, very tender and brittle; as they grow upright, it can be planted fairly close and will not rot as it does not come in contact with the ground. Excellent for forcing.

532 Grand Rapids Resistant

(42 days.) Developed by Dr. Ira C. Hoffman of Ohio Agricultural Experiment Station. Grows faster, maturing a few days earlier than other strains. Plants are compact, stocky and extra heavy.

541 May King (Wayahead)

(66 days.) Practically the earliest head Lettuce. A very quick grower; heads medium sized and light green. Inside a rich buttery yellow.

522 Black-Seeded Simpson

(45 days.) Produces a mass of light green, curly leaves, each individual plant attaining a large size. Very fine. One of the most desirable varieties for the home garden as well as for market. Grows very quickly.

550 Prize-Head

(48 days.) A loose-leaved Lettuce. Produces a large bunch of crisp, frilled leaves, heavily tinged with brown. Grows rapidly and is early.

552 Dark Green Cos (Romaine)

(70 days.) A new strain that will stand heat and bad weather conditions. The leaves are dark green with self-folding head. Height about 15 inches. We believe this to be a very valuable strain for the grower.

548 Oak Leaf

See page 5.

Pkt., 10c; oz., 30c; 1/4 lb., 75c; 1/2 lb., \$1.25

Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.15

Pkt., 10c; oz., 30c; 1/4 lb., 85c; 1/2 lb., \$1.35

Pkt., 10c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.35

Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.10

Pkt., 10c; oz., 25c; 1/4 lb., 75c; 1/2 lb., \$1.10

Pkt., 10c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.35

Pkt., 15c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.20

Lettuce

Pkt., 15c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$1.85

533 Great Lakes

(85 days.) Here's a heading variety of the Imperial type that is highly resistant to tip-burn, and production of solid heads under adverse conditions. "Great Lakes" is one of the best strains when seeded in open ground in May for midsummer maturity.

547 Premier Great Lakes

(76 days.) 1949 All-America Winner. See page 5.

543 Pennlake

(85 days.) 1949 All-America Winner. See page 5.

551 Slobolt

(40 days.) Long Standing—Crisp Green Leaves. Developed by the United States Department of Agriculture and is a real find for home gardeners. It will remain in bright condition without going to seed for two or three weeks longer than the regular kinds. It resembles Grand Rapids in type and has the same attractive flesh and greener leaves. Light green color. Of delightful crispness and mild flavor, produces fine, crisp Lettuce over a long period. Adapted to growing in the spring, summer and fall, a most desirable home garden variety.

Pkt., 15c; 1/2 oz., 45c; oz., 80c; 1/4 lb., \$2.20

Pkt., 15c; 1/2 oz., 45c; oz., 80c; 1/4 lb., \$2.20

Pkt., 15c; 1/2 oz., 49c; oz., 75c; 1/4 lb., \$2.00

Pkt., 15c; 1/2 oz., 35c; oz., 65c; 1/4 lb., \$1.85

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Pride of Wisconsin
Distinctive Flavor

573 Delicious

(80 days.) Early, large, sweet Melon. One week earlier than Bender's. Fruits are large, oval, light green, covered with fine netting. Flesh is deep orange, very sweet and most delicious. It will not stand long distance shipping. Very popular for home garden stands and local sales.

569 Bender's Surprise

(85 days.) Fruit is $7\frac{1}{2}$ inches long by 6 inches in diameter, slightly oval; skin light yellow when mature, slightly ribbed with irregular patches of netting; flesh thick, bright salmon, very juicy, sweet and of good rich flavor. An excellent home and market garden variety of large size, weighing 7 to 8 pounds and dependable and popular in most areas.



Iroquois
Deep Orange Flesh—Fine Quality



Mushrooms

Muskmelons or Cantaloupes

NORTHERN GROWN

A packet will plant about 20 hills; 1 ounce 100 hills; 2½ pounds per acre.

Plant seed outdoors May 15 to June 15, either in rows or hills, one inch deep in rows. Make rows 5 feet apart and thin plants to 12 inches apart in the row. If in hills, make hills 4 to 6 feet apart, allowing 3 to 4 plants to the hill. Make a heavy application of manure, broadcast or in row.

587 Pride of Wisconsin Pkt., 10c;
oz., 40c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.70

(85 days.) Known as Queen of Colorado. Its sweet, fine flavor is unsurpassed. The deep orange and rich looking flesh is solid and thick with a small seed cavity. The thick, double rind is strong, heavy, and coarse netted. It is midseason in earliness and holds up well for several days. Plant shallow, keep moist, and allow no crust to form.

Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.70

588 Hale's Best No. 36 Pkt., 10c;

oz., 35c; $\frac{1}{4}$ lb., 85c; $\frac{1}{2}$ lb., \$1.50

(82 days.) This early Rocky Ford type is of medium size, oval, and very heavily netted. The flesh is a deep orange color, very firm, thick and of high flavor. This is an excellent shipper and is popular in the New York market. Melons are of high quality.

581 Honey Rock

(82 days.) Also called Sugar Rock. Sweet as sugar and solid as a rock. Fruits are oval, medium sized and not rigid. Deep orange flesh with wonderful sweetness. One of the most prolific varieties grown. The rind is tough, and flesh so firm that Melons can be allowed to ripen on the vines and shipped long distances. Distinct from all other sorts. Matures its fruits in about 85 days, from seed. We want you to try Honey Rock.

580 Hearts of Gold

(90 days.) Developed by a successful Michigan Melon grower. Vines are vigorous, free from blight or rust, and hardy. Fruits medium sized, nearly round, thickly netted and very firm so they stand shipping. Flesh is deep orange color and deliciously flavored.

582 Schoon's Hard Shell

(90 days.) Fruit is $7\frac{1}{2}$ inches long by $6\frac{1}{2}$ inches in diameter, large, oval with flattened ends; prominent ribs and abundant coarse netting; flesh thick, salmon colored, solid and of excellent quality. Slow to ripen, the rind stays firm, allowing a longer picking period. Its tough skin also makes it an ideal shipper.

589 Iroquois

Excellent new variety developed for resistance to fusarium wilt. The fruits are round to oval in shape, with prominent ribs. Holds up well for shipping. Similar in appearance to Bender. An excellent variety to grow where the soil is infected with disease.

588 Rocky Ford

(80 days.) It is one of the earliest green-fleshed Melons for the northern states. Fruits are oval in shape, well netted and of good flavor. This is an excellent variety for home garden and market.

Mushroom Spawn

Pure Culture Spawn—The Best and Easiest to Grow

Mushrooms can be raised in a cellar or any other place where the temperature can be kept between 50 and 60 degrees. The beds are made of horse manure mixed with fine soil. Full directions for growing Mushrooms are sent with each order of Mushroom Spawn.

New Tobacco Process Spawn

$\frac{1}{2}$ lb., \$1.35; lb., \$2.50; 5 lbs., \$11.50, postpaid

Our pure culture spawn is prepared by a new process using dried and crumpled Tobacco stems, and will produce the finest white Mushrooms. This is easier to handle, goes farther in planting and helps in repelling insects. Is a real improvement and the best type of spawn for both home and commercial Mushroom growers. One-half pound will spawn 35 square feet of bed.



Delicious
Early—Large—Sweet

Mustard

A packet will sow 50 feet of row; 1 ounce 300 feet; 2 lbs. per acre in drills; 4 lbs. if broadcast.

626 Fordhook Fancy

(40 days.) Beautifully curled. Very mild, pleasant flavor. Leaves are curled and fringed, and the plant remains long without running to seed.

627 Giant Curled Long Standing

(40 days.) (Gold Medal Winner, All-America Selection.) This new variety has all the good points of the finest curled sorts, and will stand true to form weeks longer than the old kinds without going to seed. This is a great advantage for the garden.



Fordhook Fancy
Long Standing—Mild

Onions

A packet will plant 25 feet of row; 1 ounce 200 feet; 5 to 6 pounds per acre.

Onions may be grown with sets, plants or seed. Sets are covered with an inch of soil. Several weeks are required to produce "green eating" Onions. Frequent shallow cultivation is suggested. They are mature when the tops break over naturally and become dry. A loose but rich, fine soil will usually produce the best green Onions and mature bulbs from seed. Don't neglect to thin the plants to stand 3 or 4 inches apart in the row.

641 Brigham Yellow Globe *Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; ½ lb., \$2.40*

(110 days.) The bulbs are distinctly globular in shape and mature to a larger size than other strains of Southport Yellow Globe. It is an excellent variety to grow in all locations with the exception of deep muck, where, if the season is wet it is very difficult to ripen and produces more thick necks than Early Yellow Globe. Brigham Yellow Globe is looked upon as an exceptionally good variety for storage. However, Early Yellow Globe will store equally as well if lifted from the ground at the same stage of maturity.

642 Early Yellow Globe *Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.60; ½ lb., \$2.75*

(95 days.) The most popular variety of Yellow Globe Onion we list. The best variety for production on muck soil or upland, and has now largely taken the place of Yellow Globe Danvers and Southport Yellow Globe. This is due to its ability to produce a good sized Onion ten days earlier than other Yellow Globe types. Early maturity is essential where the growing season is short and the keeping qualities depend on the Onion being fully matured. This variety maturing earlier insures well ripened bulbs which can be sold directly out of the field and are also ideal for storage.

653 Sweet Spanish (Utah Strain)

Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.95; ½ lb., \$3.25

(110 days.) There is an increasing demand for the Yellow Spanish Onions, due to their large size, handsome appearance, sparkling white flesh of very fine texture, and extremely mild flavor.



Early Yellow Globe
Heavy Yielding—Excellent Keeper

656 White Lisbon (White Bunch)

Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.60; ½ lb., \$2.75

Very popular as an early bunching Onion in many sections. The bulbs are smooth and white, with large tops and flesh of mild flavor.

651 Southport White Globe *Pkt., 10c; ½ oz., 35c; oz., 65c; ¼ lb., \$1.90; ½ lb., \$3.25*

(110 days.) The finest of all white Onions. A good shipper and keeper. Our stock has the true globe shape, full at the base and shoulder. Crops raised from our seed have given excellent results to others; they will do the same for you.

640 Dutch Bottle Long Neck

(115 days.) Derives its name from its long bottle-like shape; being mild and sweet, is absolutely unsurpassed in flavor. Grows longer, whiter and has more edible stalk than any other Onion.

657 White Portugal or Silverskin

(100 days.) Principally used for bunching and pickling, this variety is also used for producing white Onion sets. It has a mild flavor and this coupled with its snowy white skin makes it a great favorite with growers and consumers. The bulb will develop to 3 inches in diameter with a depth of 1½ inches. It has fine keeping qualities.

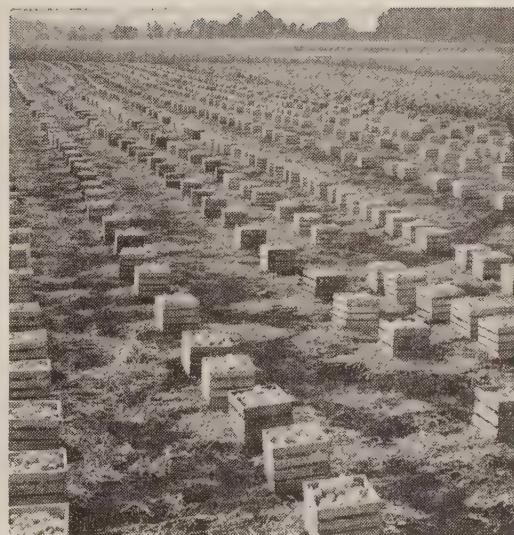
655 Hardy White Bunching *Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.60; ½ lb., \$2.75*

(45 days.) For early spring and autumn bunching this variety is ideal. It does not form a bulb but grows in a cluster of 3 to 5 straight Onions. This is a fast growing variety which forms mild green Onions early in the season that will continue to grow throughout the summer under all conditions, and can be wintered over for harvesting the following spring before the sets are ready. The seed can also be planted early in the summer before August, for harvesting late in the fall or left to mature early the following spring.

658 White Sweet Spanish

Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.10; ½ lb., \$3.40

(100 days.) Similar in all respects to the Yellow Sweet Spanish, with the exception that it has a clear waxy white outside skin which makes a very good variety for bunching and for green Onions in midsummer.



This is Evidence of How Very Large Growers of
Onions Prefer Our Brigham Yellow Globe

Onion Sets

One pound plants 100 feet of row; 20 bushels per acre.

Yellow Dutch Bottle Long Neck

| Lb. | 2 lbs. | 5 lbs. |
|-----|--------|--------|
| | \$0.45 | \$0.80 |
| | | \$1.85 |

Yellow Ebenezer

| | | |
|-----|-----|------|
| .40 | .70 | 1.75 |
|-----|-----|------|

White Silverskin

| | | |
|-----|-----|------|
| .40 | .70 | 1.75 |
|-----|-----|------|

Above Prices Postpaid. Write for prices on larger quantities Onion Seed and Sets.

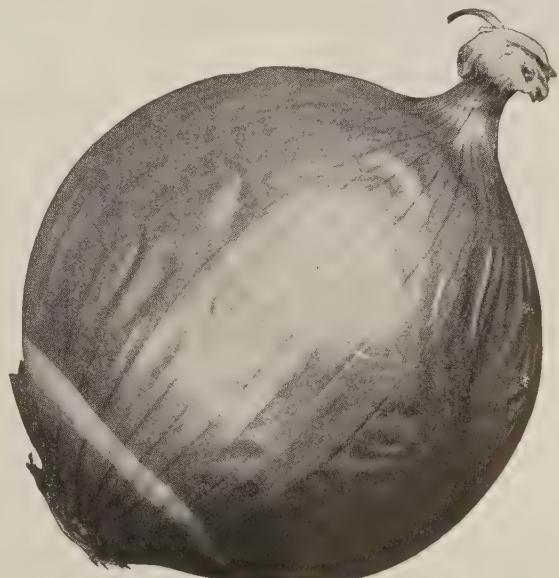
CULTURE ON ONION THIRPS

DDT gives exceptionally good results on Onion thrips. May be applied either as a spray or as a dust. For spraying use ½ lb. of 50% Wettable DDT Powder in 25 gallons of water; for dusting, use a dust carrying 3% of actual DDT. Make application when the thrips are first noticed; additional treatments at weekly intervals until plants mature. (See page 64.)

Garlic Sets

Lb., 65c; 2 lbs., \$1.25; 5 lbs., \$3.00

Plant early in the spring similar to set Onions. Each bulb consists of four to six cloves which are broken apart for planting. Valuable for seasoning.



Sweet Spanish (Utah Strain)
Large, Sweet Onion

Onion Plants

Sweet Spanish

Both for early use and for large dry bulbs in late summer, many of our customers find these plants the best way to grow fine Onions. Planted in early spring, they mature in 10 to 12 weeks and will grow in any good garden soil. We offer only Yellow Sweet Spanish, which produce large, handsome Onions of mild flavor, and may be stored for some time. Space the plants 3 to 4 inches in rows 14 to 18 inches apart.

These are Texas-grown Onion plants and we are dependent on the season there for time of delivery, size of plants, etc. They are pulled by the bunch from the fields and are not counted so there may be anywhere from 50 to 110 plants or more per bunch, depending on the size. We cannot ship less than two bunches to a customer and suggest you combine orders with your neighbors wherever possible.

2 bunches \$1.00; 5 bunches \$1.95; 10 bunches \$3.25, postpaid.

Not prepaid: full crate (60 bunches) \$9.50.

Write for prices on full crates or more for direct shipment from our Texas grower.

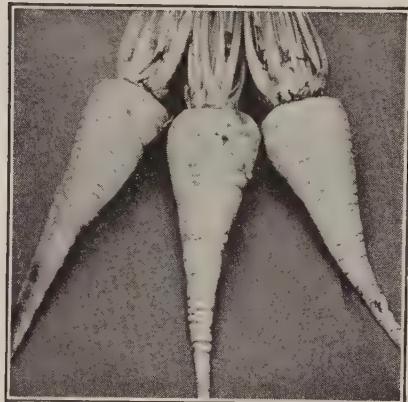
SHIPPING ONION PLANTS

Onion plants may be shipped only east of the Mississippi River and north of Virginia. They are usually ready the last part of April or first of May and we will ship all orders at that time, except those clearly marked for late shipment. Not available after May 15th.

If your land should not be ready at the time your plants arrive, they can be held for some time by spreading them out in a cool, dry place, or by heeling them in outdoors.



Paramount
Leaf Dark Green and Finely Curled



Hamburg or Parsnip-Roofed Parsley



Model
Smoothest and Whitest Parsnips

Parsnips

A packet will sow 25 feet of row; 1 ounce 150 feet; 4 to 5 pounds to the acre.

A few rows will supply the needs of the average family. A slow germinating seed, break any crust that forms on the ground along the seeded row. Be certain soil is kept moist and soft from time seed is sown until the plants have become well established. Thin to 4 inches between plants. Seed sown in the spring produces a crop by fall. The roots are hardy and may be left in the soil until the following spring, but we suggest that a portion of the crop be dug in the fall and stored for winter use.

677 Hollow Crown

(125 days.) Roots grow to medium length, smooth and free from side roots or prongs. Snow-white, of very good quality, tender and sweet.

676 Model

(120 days.) Finest stock grown. The roots are clear white, clean, well filled with little or no core, free from stringiness. Length intermediate, shoulders wide with a deep crown. We cannot recommend this too highly.

Peanuts

1/4 pound will plant 40 feet of row; 1 lb. to 150 feet; 30 to 40 lbs. per acre.

Peanuts can be successfully grown in the North on rich, sandy soil. Plant 2 to 3 inches deep, with the hulls on, in rows about 3 feet apart, and about 10 inches apart in the rows. When the plants are nearly full grown throw earth up to them. This will cause the nuts to form. When ripe, dig up the vines and hang up to dry.

683 Jumbo Virginia

Large Peanuts, but early and very prolific. Best for the North.

1/4 lb., 20c; 1/2 lb., 35c; 1lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.60



Improved Jumbo Virginia

Peas

A packet of seed will sow about 10 feet of row; 1 pound 100 feet; 120 pounds will sow an acre.

What is more delicious than young green Peas freshly picked off the vine and cooked immediately. Plant Peas to eat fresh and to can. Sow thickly, allowing 12 to 16 plants to grow per foot of row. Seeded in early spring, cover with 1 to 2 inches of pulverized soil. Many gardeners increase their yields by using seed inoculants. (See page 59.) The sowing of early, medium and late varieties is preferred to successive seedings of one variety. Tall growing and late varieties will need support such as chicken wire or brush.



Progress No. 9

PROGRESS NO. 9 PEA

Large, early, with big, handsome, well filled pods. You will make no mistake when you plant Progress No. 9 Peas.



Mammoth Podded Extra Early
Our Strain of This Extra Early Pea is
Outstanding in Yield

- 198 Progress No. 9** *Pkt., 10c; ½ lb., 30c;
lb., 55c; 2 lbs., 95c; 5 lbs., \$1.95; 10 lbs., \$3.80
(62 days.) (Greater Progress.)* This improved strain matures about 2 to 3 days earlier than the regular Laxton's Progress. The pod is slightly longer, containing 7 to 9 large Peas of good quality. The vine is dwarf, 16 to 18 inches, producing larger pods of more uniform size. Now recognized as the best early main crop variety. It has now replaced the old Laxton's Progress because it has proved to be earlier and a better producer.

- 189 Mammoth Podded Extra Early** *Pkt., 15c; ½ lb., 30c;
lb., 55c; 2 lbs., 95c; 5 lbs., \$1.95; 10 lbs., \$3.80
(60 days.)* The earliest variety we list, matures the same time as Alaska. The pods are much larger with Peas of better quality; light to medium green in color; round and blunt in shape. Pods produce 5 to 6 Peas of good quality. Height medium. This fast growing variety is ideal for planting for early market.

- 195 Little Marvel** *Pkt., 10c; ½ lb., 30c;
lb., 50c; 2 lbs., 90c; 5 lbs., \$1.95; 10 lbs., \$3.80
(62 days.) (18 inches.)* It is most desirable of all the extra early dwarf Peas. It is extremely prolific. The Peas are deep green and of high quality. On account of its great productiveness and unsurpassed quality, it is popular for home garden and market. The pods are dark green, 3 inches long, ½ inch wide, very plump, straight and with blunt ends. Also desirable for muck soil. Adapted for quick freezing.

- 190 Hundredfold or Blue Bantam** *Pkt., 10c;
½ lb., 30c; lb., 55c; 2 lbs., 95c; 5 lbs., \$1.95; 10 lbs., \$3.80
(62 days.) (1½ feet.)* Most popular. Immense pods. Without doubt one of the best dwarf, largest podded sorts, bearing enormous, intensely dark green, pointed pods, 4 inches long, filled with large, deep green, delicious Peas. Fine quality. Ready to use about three days after the earliest sorts. Splendid Peas for the market gardener and the home garden.

- 202 Thomas Laxton** *Pkt., 10c; ½ lb., 30c;
lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90; 10 lbs., \$3.75
(62 days.) (3 feet.)* Larger and better than the old strain; a real improvement. Vines covered with large pods 3½ inches long, filled with deep green Peas of finest quality. A day or so earlier than the older type. Highly recommended for market growers and home garden.

- 199 Nott's Excelsior** *Pkt., 10c; ½ lb., 30c;
lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90; 10 lbs., \$3.75
(65 days.) (15 inches.)* Very important early dwarf variety for the home gardener. Very productive. Pods 3 inches long and well filled.

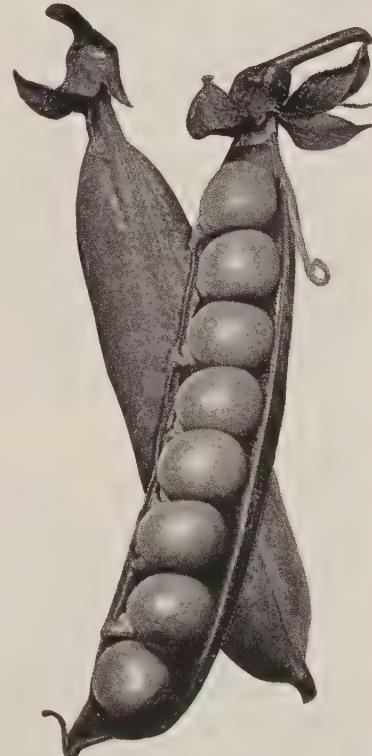
- 186 Freezonian** *Pkt., 10c; ½ lb., 30c;
lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90; 10 lbs., \$3.75
(62 days.) (3¼ ft.) (Improved Thomas Laxton.) (New.)* A great improvement over the old Thomas Laxton, having more vigorous vines, bigger yields, and the same wonderful flavor and sweetness. Ideal for freezing and canning and unsurpassed for eating fresh. See full description on page 4.

- 204 World's Record** *Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$1.90; 10 lbs., \$3.75
(55 days.) (2½ feet.)* This well known and popular variety is recognized as the best early kind, both for home garden and market. It combines earliness, high quality, large pods and heavy yield. The pods are 3½ to 4 in. long and filled with large peas that are very tender and sweet. The vines are strong, bear heavily and produce big crops right from the start. There is nothing quite so delicious as these Peas right out of your garden.

- 205 Alderman (Tall Telephone)** *Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90; 10 lbs., \$3.75
(75 days.) (4 feet.)* The best of all the tall late Peas for home and market gardens. Pods are 5 inches long, are plump to round, dark green and well filled. The plant branches and bears profusely over a long late picking season. The vines must be well supported with tall brush or wire. Wider rows necessary than the varieties with shorter vines. Ideal for freezing.

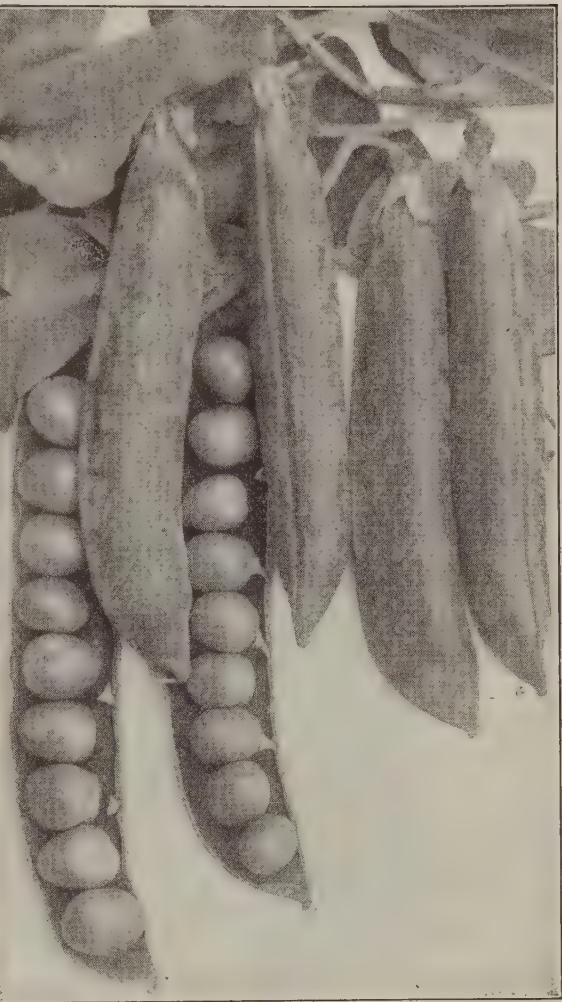


World's Record



Little Marvel
Large Podded Strain

PEAS—Continued



Giant Stride
Large-Podded and Plump

697 Golden California Wonder

Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40

(72 days.) New introduction with all the outstanding qualities of the regular California Wonder, with the one difference that it is golden yellow in color instead of red at maturity. The large green fruits have the same thick, solid walls with sweet, mild flavor, but at maturity turn to a rich golden yellow. Plants are thrifty and upright in growth, producing a heavy crop over a long season.

708 Oshkosh

Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.40

(70 days.) A large Yellow Pepper. Before maturing it is of a deep green color; large, smooth, best shape for stuffing. When ripe the color is a deep orange-yellow. Flesh exceptionally thick. The sweetest Pepper grown. We highly recommend this variety for market or home use where smooth, firm, thick flesh and high quality are more desired than earliness. Much superior to Golden Queen.

702 Holmes' Prolific Sweet

Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.50

(70 days.) A very popular and dependable Pepper. Earlier than California Wonder, about the same thickness of flesh. Gives heavy yields of large, beautiful red fruits and holds its size throughout the season. You will have no regrets with Holmes' Prolific Sweet.

717 World Beater (Early Strain)

Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40

(70 days.) This variety has been and still is popular in many sections. The plants, which are strong and heavy yielders, mature several days earlier than the older type and bear much better crops. The plants yield a fruit about 5 inches long and 3½ inches in diameter that are 4-lobed and have a thick, mild, sweet flesh that turns from green to a bright red when ripe.

213 Giant Stride

Pkt., 10c; ½ lb., 25c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90; 10 lbs., \$3.75

(72 days.) (2 feet.) Wilt-resistant. An outstanding large-podded Pea. Outstanding feature of this plant is that it is only 24 inches tall; it bears a heavy crop of extremely showy pods, 5 to 5½ inches long, having 8 to 9 large Peas, dark green, pointed and plump. Excellent for freezing.

217 Melting Sugar

Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90; 10 lbs., \$3.75

(72 days.) (4 feet.) Edible pods. A flat-podded edible pod sort for home and market garden. Pods 4½ inches long, stringless, brittle, of splendid quality; used in the manner of snap Beans.

210 Dwarf Grey Sugar

Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90; 10 lbs., \$3.75

(68 days.) (2 feet.) Edible pod. Very popular for home gardening. Vines medium green with pods 2½ inches long, curved, pointed.

206 Black Eye Peas

Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.85; 10 lbs., \$3.50

(45 days.) These are a prolific bearer of well filled pods; the home gardener should grow them for an extra early supply of sweet, tender Peas; also can be grown to produce dry Peas for winter use.

Sweet Peppers

A packet of seed will produce about 75 plants; 1 oz. about 1000 plants; ½ lb. per acre.

Peppers are not difficult to grow. Their early culture is similar to that of Tomatoes. After all danger of frost is past, late in May or early June, in this latitude, set your Peppers in the garden, spacing the plants 2 by 3 feet. Keep the Peppers picked before they turn red to assure continued production.

696 Calwonder

Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.50
(63 days.) An earlier maturing strain of California Wonder which it resembles in size and shape. It matures about 10 days earlier and will produce more ripe Peppers before frost than the California Wonder. Excellent for market and home garden.

695 California Wonder

Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.40
(72 days.) This fine variety is a most dependable yielder. This large, sweet-meated

Pepper is longer than the Calwonder, 3- to 4-lobed and excellent for stuffing. It is mild and sweet, and may be eaten raw, though it is not as palatable as the Holmes' Prolific Sweet, although at maturity it turns a bright crimson in color. In addition to being a home garden Pepper that matures early, California Wonder makes a very profitable crop for the market under good growing conditions.

HOTKAPS

This amazing new method of plant protection gets you higher prices for larger and quicker crops. See page 62 for prices.



Golden California
Wonder
Fruits Smooth



Calwonder
Large Fruits
Smooth

698 Pennwonder

(62 days.) A fine new Pepper for the North. See page 6.

Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c; $\frac{1}{4}$ lb., \$2.75**715 Sunnybrook**

(75 days.) In many sections they are called Pimiento. Very popular for canning because of extremely thick flesh and fine quality. The shape is square, short and blunt. They are nearly all meat. It is early, very prolific and very thick meat. Similar to the squash or cheese type. With our strain you get large, dependable crops with fine fruit.

Hot Peppers

687 Hungarian Block Type(60 days.) This is an upright Pepper. In color, first light green, changing to light yellow, to orange, and finally to red when ripe. Size $2\frac{3}{4}$ inches in diameter and 4 inches long. This variety is very early and prolific. Not as pungent as Hungarian Yellow Wax. They are used mostly in the light yellow stage of growth.

Hungarian Block Type

688 Hungarian Yellow WaxPkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.40

(60 days.) Fruits 2 inches in diameter at the top, tapering to 6 to 7 inches long. Very symmetrical with a slight curve at the bottom. Fruits thick, waxy, yellow color, then turn to orange-red flesh.

690 Long Red Cayenne

(70 days.) A red, hot variety. The fruits are long and tapered, 5-inch pods taper from one-half inch to the point.

Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.20

A packet will plant 5 or 6 hills; 1 ounce about 20 hills; 4 pounds per acre.

Sunnybrook
Tomato-Shaped Flesh, Thick, Mild

Pumpkins

735 Winter Luxury (Orange)

(100 days.) These round Pumpkins have a beautiful netted orange skin. The flesh is very thick, deep orange and of the finest quality for pies. The fruits are a good size, being larger than Small Sugar. Excellent keeper.

733 Sugar or Pie

(115 days.) Also called Boston Pie or New England Pie. Small deep orange Pumpkin, slightly ribbed and nearly round. The thick flesh is wonderful for pies and this is the best Pumpkin for general use. It is a ready seller on markets and roadside stands and is ideal for home gardens. These large, orange Pumpkins ripen early and can be even stored in a dry, moderately warm place. It is very prolific and highly recommended.

729 King of Mammoths or Jumbo

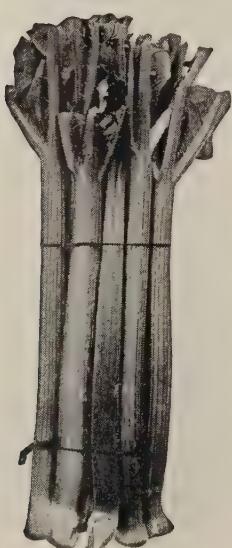
(120 days.) Grows larger than other Pumpkins or Squash. Sometimes weigh 100 lbs. when one fruit is permitted to remain on the plant. The fruits are of light orange color and nearly round. The flesh is yellow, thick and very fair quality. (Botanically, this is a Squash, but it is usually classed as a Pumpkin.)

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.10**726 Cushaw, Green Striped**

(75 days.) Fruit large, solid, thick, crookneck, smooth, white with green stripes; shell thin; flesh thick, cream colored, and sweet.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$1.70Sugar or Pie
Excellent for Pies**725 Connecticut Field "Big Tom"**½ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$1.70

(120 days.) This is grown for stock feed, canning, pie stock. Surface is hard, smooth, ribbed, and deep orange color. Flesh is thick, orange-yellow, sweet but coarse.

Lester M. Miller
Oxford, Pa.

Cardinal Red

Your seeds have proved satisfactory every year we used them. Last year our Little Marvel Peas and both the Fordhook and Pole Limas did exceptionally well. The weather wasn't favorable for Lima Beans so we feel that the seed had much to do with a good yield.

Rhubarb

One ounce to 150 feet of row; 3 pounds per acre.

775 VictoriaSeed: Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c

Midseason variety with large stalks of clear red. Stalks are crisp, tender, juicy, and fine flavored. An excellent sort for market or home use.

Cardinal Red

No 1. Strong Roots: Each 35c; 2 for 60c; 3 for 85c; 5 for \$1.35; 10 for \$2.50, postpaid

Now being grown in many regions and popular for its red color and large stalks which are tender and of excellent flavor. Is superior to others from standpoint of color, size and vigor. We offer roots only.

Rhubarb Roots cannot be shipped to California.

"Big Tom"
Flesh Thick, Orange-Yellow

Radishes

A packet will sow 15 to 20 feet of row; 1 ounce about 75 feet; 10 pounds per acre.

Sweet, crisp and colorful Radishes are usually those that have made a quick growth. Sown outdoors in early spring, reseedings are made at bi-weekly intervals until August, many gardeners making an additional sowing in September. The seed is covered lightly, being thinned to stand 1 to 2 inches between plants. The best results will be obtained on a sandy loam soil amply supplied with well-rotted manure. This is an ideal vegetable to plant between rows of less rapid germinators, such as Parsnips and Carrots.

759 Early Scarlet Globe

Pkt., 10c; oz., 25c; 1/4 lb., 65c

(23 days.) Our strain of Scarlet Globe is a perfect oval shape, very early sort. Is superior and valuable for out-of-door culture. The color is a bright vermillion-scarlet and flesh pure white, crisp and of fine flavor.

742 Comet

Pkt., 10c; oz., 30c; 1/4 lb., 75c

(25 days.) Comet has the same qualities as Scarlet Globe, somewhat round in shape. Grows to fair size with a short top. The Comet has wonderful, long-standing qualities before getting pithy. In keeping and eating qualities, it ranks as a leader and it will remain crisp when all other early Radishes get pithy. Color is brilliant red, and tap roots are thin. We recommend every Radish grower to try this new strain.



Early Scarlet Globe
General Purpose Radish

740 Cavalier

Pkt., 10c; oz., 25c; 1/4 lb., 70c

(21 days.) Very similar to the Scarlet Globe, with the exception that the color is a bright scarlet-red. Tops are small, roots globe-shaped. Excellent variety for forcing or growing on muck land.

753 Icicle

Pkt., 10c; oz., 25c; 1/4 lb., 70c

(27 days.) **The Best White Radish.** A highly superior strain of this popular variety, the result of many years of rigid selection. Roots pure white with very slender tap root. Flesh very crisp and remains in good condition very long. Our stock of Icicle is carefully bred and critically selected. Expert supervision is given to the crop. You may plant with absolute confidence.

761 Sparkler White Tip

Pkt., 10c; oz., 25c; 1/4 lb., 65c

(25 days.) The roots of this variety are round, smooth, dull scarlet-red, with the lower one-third of the root white. The flesh is mild, white, crisp and tender. A very attractive Radish bunched for market and when served on the table because of its two-color skin.

762 White Strasburg

Pkt., 10c; oz., 25c; 1/4 lb., 65c

(40 days.) Good summer Radish for home and market garden. Roots become 5 inches long, 1 1/2 to 2 inches in diameter at the shoulder; tapered; smooth; white flesh, firm, crisp.

760 Early Scarlet Globe Short Top

Pkt., 10c; oz., 25c; 1/4 lb., 75c

(23 days.) Finest market garden strain of Scarlet Globe Radish. The color is uniform bright scarlet, perfect in shape with a small tap root. The small, uniform tops are of convenient size for bunching. This short top strain is grown from transplanted roots and can be planted with confidence to produce a perfect Scarlet Globe Radish of uniform maturity. Excellent for growing on muck land.

750 French Breakfast

Pkt., 10c; oz., 25c; 1/4 lb., 65c

(25 days.) Olive-shaped; rosy scarlet with white tip. A quick growing variety of excellent quality.

763 Mixed Radishes

Pkt., 10c; oz., 25c; 1/4 lb., 65c

All kinds, colors and shapes. Just what is wanted for the home garden where the space is limited. One sowing is all that is required for a continuous supply.



Winter Radishes

766 White Chinese (Celestial)

Pkt., 10c; oz., 25c; 1/4 lb., 60c

(55 days.) An extra fine white, cylindrical Radish. When fully matured, roots will average from 6 to 8 inches long and 2 1/2 to 3 inches in diameter. White skin; flesh pure white, compact, crisp.

768 Long Black Spanish

Pkt., 10c; oz., 25c; 1/4 lb., 60c

(55 days.) Produces roots with black skin. Flesh white, crisp, well flavored. This will keep better than other winter varieties.

770 Round Black Spanish

Pkt., 10c; oz., 25c; 1/4 lb., 60c

(55 days.) Roots round, 3 1/2 to 4 inches in diameter. Skin black; flesh white, firm and crisp. Very pungent but finely flavored.

765 China Rose

Pkt., 10c; oz., 25c; 1/4 lb., 60c

(50 days.) Roots heavier at lower end, deep rose-red color; flesh white, crisp, firm; 4 to 5 inches long.



Trial Showing Long Standing Character of the Long Standing Bloomsdale Dark Green

780 Long Standing Bloomsdale Dark Green

(45 days.) This is the finest strain of Long Standing Bloomsdale available. Leaves are exceptionally dark green and the most crumpled or savoyed of any variety. Recommended for early spring and main crop planting.

792 Viking

(45 days.) Early, large, dark green, long standing; one of the best for spring sowing as it grows very rapidly and gets to cutting size early. It continues to grow a long time, producing immense plants without going to seed. It resembles the old Nobel Giant-Leaved. The leaves are large and broad, dark green in color, moderately crumpled. "Viking" will produce very large crops of fine looking Spinach for canning and freezing.

793 Virginia Blight-Resistant Savoy

(40 days.) Is popular for summer planting for fall maturity. Sometimes used for quick growing Spinach for early spring use. The leaves are dark green and crumpled. Recommended for planting in August and September.

789 Old Dominion

(40 days.) Improved strain of Virginia Savoy, and in our opinion very much superior. It has the quick growing qualities of the Virginia Savoy combined with the long-standing characteristics of the King of Denmark. This is a long standing, blight resistant variety with dark green, well crumpled leaves, ideal for planting after August for fall Spinach and wintering over.

787 New Zealand

(55 days.) An excellent variety to grow for summer greens as it thrives in hot, dry weather. The plants are very large and spreading and branch freely, producing great quantities of small, thick, fleshy leaves. Pick off the tender new leaves at the tips of the branches, and the plants will continue to develop succulent new growth all summer and fall. The seed is slow to germinate and should be soaked 24 hours before planting.

Squash

A packet of seed will plant 6 to 8 hills; 1 ounce 30 hills; 5 to 8 pounds per acre.

Culture of this crop is much the same as that of Pumpkin.



Caserta
Extra Early, Very Prolific

811 Yankee Hybrid

Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.75
(50 days.) (All-America Award.) It is the earliest of all Squash. In tests by market growers it not only was earlier by several days and actually produced twice as many fruits on the first picking as the next best kind, but the total yield was greater. They are a true straight neck type, with a clear waxy appearance that makes them very attractive. Whether you grow for home or market, we know you will be well pleased.

803 Early Prolific Straightneck

(50 days.) (All-America Winner.) A bush type, probably the most prolific of the yellow Summer Squashes. Frequently yields a dozen or more fruits per plant over the entire season. Fruits straight, smooth, of an appetizing cream color when best for market. Firm and usable when only a few inches long and good until 12 to 14 inches long.

829 Uconn

(80 days.) All-America Gold Medal Winner, 1950. See page 5.

801 Caserta

(56 days.) Caserta is the first vegetable gold medal winner in many years. It produces earlier than any other Summer Squash and grows well under adverse conditions. Fruits are 15 to 18 inches long and 4½ to 5 inches wide. Color is light glossy green with broken stripes of full dark green. Fruits are very uniform in size and shape. They are extra heavy yielders, over 30 fruits per plant is not unusual.

Salsify - Oyster Plant

A packet will sow 15 feet of row; 1 ounce 75 feet; 8 pounds per acre.

Successful Parsnip culture will prove satisfactory for Salsify. A deep, rich soil is preferred. The roots are used any time in the fall or winter.

777 Mammoth Sandwich Island

(140 days.) Clean roots. Boil in salt water until tender, preferably after cutting in small pieces. You can add meat stock, browned flour for a most delicious vegetable dish. Visitors will come back for a second helping.

Spinach

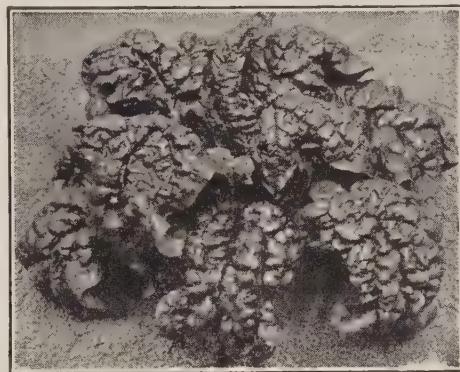
A packet will sow 25 to 30 feet of row; 1 oz. 80 feet; 12 to 20 lbs. per acre when drilled.

This now famous vegetable may be sown as soon in the spring as the ground is workable. Small weekly seedings at successive weekly periods will give you a supply over a longer period. However, summer crops from June until mid-August in this latitude are not fully satisfactory. Additional seedings may be made after the latter date. 3 to 5 inches is allowed between plants. In our vicinity, Spinach to winter over is seeded about September 1st. For Spinach seed treatment use Arasan.

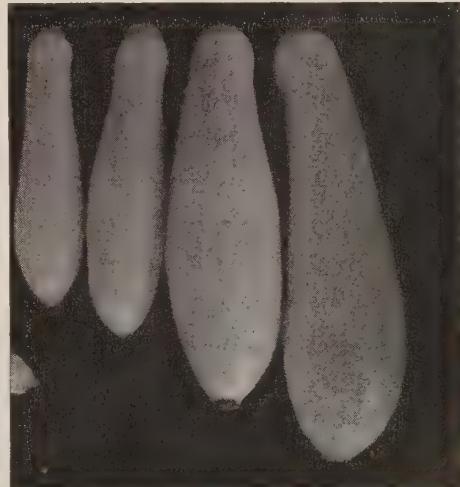
790 Summer Savoy

(45 days.) A strain of Long Standing Bloomsdale, especially selected to make its best growth during June, July and early August. Plants erect, dark green, well crumpled, slightly smaller and slower growing than Long Standing Bloomsdale. Good for freezing.

Pkt., 10c; oz., 20c; ¼ lb., 50c



Old Dominion
For Late Fall or Early Spring Sowing



Early Yellow Prolific Straightneck
Ideal Summer Squash

Pkt., 10c; oz., 30c; ¼ lb., 65c; ½ lb., \$1.00

Pkt., 25c; oz., 50c; ¼ lb., \$1.75; ½ lb., \$3.00
(50 days.) (All-America Winner.) A bush type, probably the most prolific of the yellow Summer Squashes. Frequently yields a dozen or more fruits per plant over the entire season. Fruits straight, smooth, of an appetizing cream color when best for market. Firm and usable when only a few inches long and good until 12 to 14 inches long.

Pkt., 15c; oz., 40c; ¼ lb., \$1.10; ½ lb., \$2.00

Pkt., 15c; oz., 40c; ¼ lb., \$1.10; ½ lb., \$2.00
(56 days.) Caserta is the first vegetable gold medal winner in many years. It produces earlier than any other Summer Squash and grows well under adverse conditions. Fruits are 15 to 18 inches long and 4½ to 5 inches wide. Color is light glossy green with broken stripes of full dark green. Fruits are very uniform in size and shape. They are extra heavy yielders, over 30 fruits per plant is not unusual.



Golden Delicious
Large, Heavy Yielder



Hubbard
True Original Strain

823 Blue Hubbard Special

(105 days.) Our special strain is carefully examined for type, tenderness and color of the flesh. The real value of this strain of Squash to the grower is its fine keeping quality—better still, the fact that this Squash brings three to four cents more per pound on the market as compared with other Blue Hubbard Squash.

824 Golden Hubbard

(100 days.) Of deep orange-red color, moderately warted. Flesh deep orange-red, dry, fine grained, of very good quality. Similar in shape and form to the True Hubbard, not so large and earlier. Keeps well.

820 Golden Delicious

Pkt., 10c; oz., 35c; 1/4 lb., 90c; 1/2 lb., \$1.50

(100 days.) Has a very high quality and attractive appearance. Skin is a bright reddish orange, and the flesh is rich golden orange. Vigorous and productive. It cooks extra dry; fine grained and sweet. Is a fine keeper for winter use. Excellent for pies.



Fordhook Giant

SUMMER SQUASH—Continued

802 Early White Bush Scallop (Patty Pan)

Pkt., 10c; oz., 30c; 1/4 lb., 65c; 1/2 lb., \$1.00
(50 days.) Well known, early, somewhat flattened, scalloped, medium sized Squash. The color is milk-white; firm, smooth, richly flavored. A popular white Summer Squash for garden use.

807 Golden Summer Crookneck

Pkt., 10c; oz., 30c; 1/4 lb., 65c; 1/2 lb., \$1.00

(53 days.) Most popular early bush, curved neck Summer Squash, probably grown more widely than any other variety. Fruits small, distinctly crookneck, with bright yellow (the wartying is not heavy or coarse), and salmon-orange flesh of delicious flavor and fine texture.

809 Zucchini (Dark Green)

Pkt., 10c; oz., 35c; 1/4 lb., 75c; 1/2 lb., \$1.20

(65 days.) A bush type of Vegetable Marrow. Fruits cylindrical and such a dark green that they are often called black. They have no stripes. Fruits are 12 to 15 inches in length and 4 to 5 inches in diameter. However, they are best if picked at 8 to 10 inches long.

800 Cocozelle (Long Type)

Pkt., 10c; oz., 35c; 1/4 lb., 75c; 1/2 lb., \$1.20

(65 days.) A bush Vegetable Marrow. Fine flavored. To be at their best, they should be picked when young, not over 10 to 12 inches long and 2 inches in diameter. At this stage, they are more tasty and have a wonderful flavor. Fruits long, straight and slender, with a dark green base color and stripes of lighter green.

Winter Squash

A packet of seed will plant 4 to 5 hills; 1 ounce 15 hills; 3 to 4 pounds per acre.

815 Buttercup

Pkt., 15c; oz., 50c; 1/4 lb., \$1.30; 1/2 lb., \$1.90

(90 days.) Excellent variety which is fast gaining popularity. Has the high quality of the Hubbard Squash and yet matures in a convenient size, weighing from 3 to 4 pounds. Matures earlier than the Hubbard, and is therefore more apt to ripen. Excellent flavor. The flesh is extremely thick, dry and sweet, of smooth texture, entirely free of strings.

827 Royal Acorn

Pkt., 10c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.25

(80 days.) This strain has been developed to provide a Squash with all the good qualities of Table Queen, but about one-third larger.

823 Blue Hubbard Special

Pkt., 15c; oz., 45c; 1/4 lb., \$1.20; 1/2 lb., \$1.75

(105 days.) Our special strain is carefully examined for type, tenderness and color of the flesh. The real value of this strain of Squash to the grower is its fine keeping quality—better still, the fact that this Squash brings three to four cents more per pound on the market as compared with other Blue Hubbard Squash.

824 Golden Hubbard

Pkt., 10c; oz., 35c; 1/4 lb., 90c; 1/2 lb., \$1.50

(100 days.) Of deep orange-red color, moderately warted. Flesh deep orange-red, dry, fine grained, of very good quality. Similar in shape and form to the True Hubbard, not so large and earlier. Keeps well.

820 Golden Delicious

Pkt., 10c; oz., 35c; 1/4 lb., 90c; 1/2 lb., \$1.50

(100 days.) Has a very high quality and attractive appearance. Skin is a bright reddish orange, and the flesh is rich golden orange. Vigorous and productive. It cooks extra dry; fine grained and sweet. Is a fine keeper for winter use. Excellent for pies.

825 Hubbard (True Strain)

Pkt., 10c; oz., 35c; 1/4 lb., 85c; 1/2 lb., \$1.30

(100 days.) Hard, tough, smooth shell of dark green color, and very rich, fine grained, tender flesh. Whether fruits grow large or small, they are equally desirable and there is no better sort to store for winter use.

828 Table Queen or Acorn

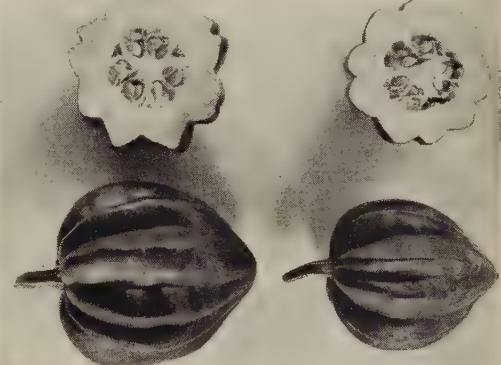
Pkt., 10c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.25

(80 days.) This is also known as Des Moines. A vining variety of excellent quality that is highly popular for individual baking. The fruits are acorn-shaped, about 6 inches long, 4½ inches in diameter. They are sharply ribbed and a dark, glossy green. The flesh of this Squash is of medium thickness, light yellow, fine grained, sweet and delicious.

816 Butternut

Pkt., 15c; ½ oz., 40c; oz., 75c; 1/4 lb., \$2.10; 1/2 lb., \$3.20

(85 days.) One of the best. See page 6.



Mammoth Table Queen

Regular Table Queen

Swiss Chard

A packet will sow 15 feet of row; 1 ounce 50 feet; 4 to 5 pounds per acre.

257 Fordhook Giant

Pkt., 10c; oz., 30c; 1/4 lb., 65c; 1/2 lb., \$1.00

The best selling variety on the market. Leaves dark green, large, very curled, thick and quite tender. Make excellent boiling greens. Stems pure white, broad and thick, and much desired by the housewife.

256 Dark Green White-Ribbed

Pkt., 10c; oz., 25c; 1/4 lb., 65c; 1/2 lb., \$1.00

(55 days.) It is a big improvement over the Lucullus varieties; the leaf is green and curly. It also has a much better flavor than the Lucullus sorts. Commercial growers claim this will out-sell any other kind.

Tomatoes

A packet of seed produces about 150 plants; 1 oz. about 2000 plants; $\frac{1}{4}$ lb. per acre.
Tomatoes contain lots of nitrogen; go easy with fertilizer on the plant bed.

Sow inside about February 15th (7 to 9 weeks) before field planting, transplant once or twice to avoid crowding; harden off and transplant to field after danger of frost, about May 15th or earlier if protected. Set 2 to 6 feet apart in the row and 3 to 6 feet between the rows. Soil should be well fertilized, 1 pound to 50 square feet.

888 Stokesdale

Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.25
(Certified Seed.) (70 days.) Our strain has been specially selected for earliness, large size and heavy yield. The fruits have a rich red interior color and canning tests this past year showed a deeper color than other popular canning varieties. The vines are very vigorous and productive. Stokesdale is an ideal variety for growing on ground that is not overly rich, as it will produce Tomatoes early of average size, where other varieties are too small. An excellent main crop variety featuring earliness, quality and heavy production.



Longred
Smooth, Round, Prolific, Fine Flavor



Stokesdale
Round, Smooth, Solid, Fine Quality

846 Bounty

Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 85c; $\frac{1}{4}$ lb., \$2.50

(65 days.) **Extra Early—Smooth and Solid.** Bounty is an extra early red globe Tomato. Bears good yields of well shaped fruit, free from dark green at stem end. Has a pleasing flavor, depth, smoothness, and firmness of fruit. In Tomato variety tests at Pennsylvania Agricultural Experiment Station, Bounty outyielded Earliana and Victor, the weight of fruit was also greater. Plant this early variety in your garden this year and get that first Tomato.

869 Golden Jubilee

(80 days.) Golden orange, smooth, globular fruits, having thick wall and very meaty. Has mild flavor. You will like the new Jubilee.

881 Longred

(75 days.) Developed by W. T. Tapley at the New York Experiment Station. Is a little later than Bonny Best, vigorous in growth, and heavy yielding. Fruits are smooth, uniform, deep globe shape, well colored, firm. Skin is tough and resists sunburn and cracking. Bears fruit for a long period from midsummer until vines are killed by frost. Excellent for home, market and canners.



Rutgers
Finest Main Crop Tomato Grown

884 Pritchard

Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 85c; $\frac{1}{4}$ lb., \$2.25
(Certified Seed.) Gold Medal Winner. (78 days.) Developed by U. S. Department of Agriculture. It is fusarium and nail-head-rust resistant, has a vigorous vine and smooth, deep red, thick-walled, meaty fruit. It's a good table Tomato, a good canner, and a good slicer, well adapted to your home garden. Feed it well early to get good results. You will like it.

847 Break O' Day

(68 days.) To the late Dr. Fred Pritchard of the U. S. Department of Agriculture we are indebted for the breeding of this Tomato, and from whom our original seed stock was obtained. The fruit is extremely early, smooth, true globe-shaped, red, solid, with few seeds. The vines are sturdy and wilt-resistant, and bear heavily.



Pritchard
Disease Resistance, Large Size, Round, Firm

NO-SEED HORMONE Blossom-set

Get earlier, larger, sweeter, and a greater yield of Tomatoes. Just spray No-Seed on flower clusters. The plant hormone strengthens the attachment of the flower to the plant, preventing blossoms from dropping.

| | |
|--|--------|
| 2 ozs. (dilutes to $\frac{1}{2}$ gal.), postpaid | \$0.60 |
| 4 ozs. (dilutes to 1 gal.), postpaid | 1.00 |
| Pint (dilutes to 4 gals.), postpaid | 2.50 |

TOMATOES—Continued

845 Bonny Best

Pkt., 10c; 1/2 oz., 45c; oz., 80c; 1/4 lb., \$2.25

(73 days.) An excellent early sort for home and market. The fruits ripen only a week later than Earliana. Plants produce enormous crops of beautiful, smooth, scarlet-red, flattened globe-shaped fruits which are very firm.

866 Wisconsin 55

Pkt., 15c; 1/2 oz., 45c; oz., 85c; 1/4 lb., \$2.50

(73 days.) Bears fruits slightly later than John Baer and is very close to that of Stokesdale. Plants fairly erect, compact and bushy; foliage is medium dense. The ripe fruit has a uniformly scarlet-red color. Fruit interior has a well defined solid, fleshy center. The entire fruit is medium firm; the core is small; the interior color is scarlet-red.

891 Valiant

Pkt., 10c; 1/2 oz., 45c; oz., 85c; 1/4 lb., \$2.50

(Certified Seed.) (65 days.) Large, extra early Marglobe type, has taken the place of the old Earliana. The fruit is smooth, deep, nearly round in shape and of good interior structure. It colors up much better than Earliana, and early yields are very heavy. The vines are of spreading habit of growth. Advise fertilizing fairly heavily for best results. Valiant has proved a very popular and profitable variety for early market.

844 Beefsteak

Pkt., 15c; 1/2 oz., 60c; oz., \$1.10; 1/4 lb., \$2.90

(83 days.) An extremely large, rich scarlet-red variety. A slice of this enormous fruit looks like a piece of beefsteak, being of a delicious flavor.



Bounty
Extra Early, Smooth and Solid

In the many years I have raised home vegetables, I have never found such a delicious tasting tomato as the Italian Tomato. Too few folks know about it.

Miss Minnie Hawthorne
2568 Kingstown Rd.
Cleveland Hgts., Ohio

867 Giant Italian

(85 days.) A very late, large, extremely solid pink Tomato with a very pleasing, non-acid flavor. Almost seedless. Potato leaf.

879 Oxheart

(85 days.) A large, attractive pink-fruited variety. Has a thick flesh, smooth, tender, and almost seedless. Flavor is delicious. Rich soil adds greatly to its productiveness. Is in demand with home gardeners.

882 Ponderosa

(85 days.) A main crop, pink-fruited variety. Fruits are very large, somewhat flattened and quite smooth considering the large size, solid, and very meaty. Almost seedless and of good flavor. A good Tomato for home use; splendid slicer.

887 San Marzano

(75 days.) Deep red fruits in clusters, each the shape of an elongated Plum Tomato, but four times the size. Very heavy yielder. Valued particularly for canning whole, or for making Tomato paste; again, the whole fruit may be eaten with salad dressing.

Pkt., 25c; 1/4 oz., \$1.10; 1/2 oz., \$2.00; oz., \$3.85

Pkt., 15c; 1/2 oz., 65c; oz., \$1.25; 1/4 lb., \$4.00

Pkt., 15c; 1/2 oz., 60c; oz., \$1.10; 1/4 lb., \$2.90

Pkt., 25c; 1/2 oz., \$1.25; oz., \$2.00

Small Fruited or Preserving Tomatoes

Used principally for preserves or eaten raw; all very sweet and mild in flavor.

897 Yellow Plum. (75 days.)

893 Red Pear. (75 days.)

896 Yellow Pear. (75 days.)

892 Red Cherry. (75 days.)

895 Yellow Husk or Ground Cherry

900 Mixed.

(85 days.) Fruit grows in a husk. Used for preserving and sauce.

Price, each: Pkt., 10c; 1/2 oz., 50c; oz., 90c; 1/4 lb., \$2.50

Special Collection: Any 5 packets, 35c



Page 66.

Stokescross No. 5 Hybrid Tomato

(75 days.) Large fruits average about 6 ounces, some weigh 12 ounces and more. Scarlet-red, perfectly smooth, firm, thick-webbed fruits with meaty flesh of fine flavor and excellent quality. Plants are large, vigorous, with moderately dense foliage that protects the fruit. Valuable for home and market.

Pkt. (200 seeds), 50c; pkt. (500 seeds), \$1.00; oz., \$5.00

For Tomato Blight

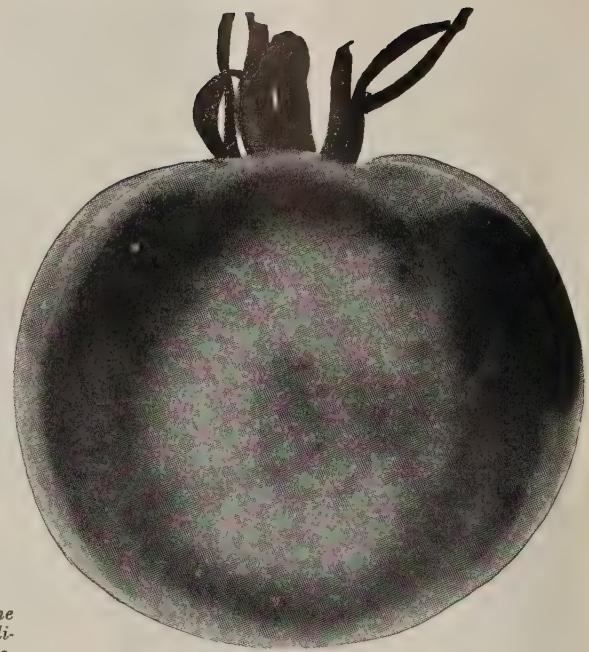
For the control of early and late blight on Tomatoes, use C-O-C-S Tomato Dust. See page 64.

Germaco TWIST-EMS[®] New Hardy Plant Tie

A twist of the wrist supports annuals, perennials, vines, shrubs, and vegetables on garden stakes. Strong, dark green, invisible tapes with wire reinforcing.

100—8-inch size \$0.25

100—16-inch (Tomato) size50



Valiant
Large, Among the Earliest to Ripen



Beefsteak
Very Large, Solid and "Meaty"

HOLMES SEED POTATOES ARE ALWAYS YOUR BEST BUY



Katahdin
Outstanding Main Crop Variety

VARIETIES IN ORDER OF MATURITY

Early Triumph. The tubers are medium to large in size, oval shape, reddish color with shallow eye. *Write for our Price List.*

Irish Cobbler. This is the standard early Potato, and is increasing in popularity yearly among the best Potato growers. The tubers are white, round and plump with somewhat deep eyes. The flesh is white and of excellent quality. *Write for our Price List.*

Katahdin. Has large, smooth, clear white tubers. About two weeks earlier than Russet Rural. Enormous vines. Keeps well in storage. The Katahdin requires more spraying than the Russet Rural, but growers with good spray equipment find them profitable because of the premium they command on the market. *Write for our Price List.*

Sebago. A new variety, resistant to late blight. Recommended for the high altitudes and all other localities where late blight is serious. Tubers round, smooth and clear white. *Write for our Price List.*

Russet Rural. (Certified.) This is the famous Michigan Russet potato that has probably made more money for the farmer than any other variety. The tubers are round to oblong in shape, of good size, with pure white flesh. The skin is russet, the eyes few, shallow. An excellent keeper. Our Russets are grown in Northern Michigan. *Write for our Price List.*

Seed Potatoes which pay off with bigger yields and greater profit are always a farmer's "best buy." The acreage it plants and the crop it produces is the only real measure of good seed value. By these standards Holmes' seed can't be beat.

WHY THEY'RE ECONOMICAL

Holmes' Seed Potatoes are of proved adapted varieties, representatively sampled, tested for virus diseases, carefully protected from ring rot and graded to an economical cutting size.

Potatoes do best in a loose, well drained soil. The early crop can be planted in April. The crop for winter storage should be planted the first half of June. With rows 30 inches apart and the hills 12 inches apart in the row, 20 to 22 bushels of seed plant an acre. For the garden, a peck of seed plants about 200 hills. Remember that Potatoes need to be sprayed or dusted to insure good yields. Plant 2½ to 3½ inches below surface soil.

I grew some very good Iroquois Cantaloupe from seed that I bought of you last year (1948) and I am ordering more of them.

*Mr. Howard Richardson
Route No. 1
Hightstown, N. J.*

POTATO SPRAY
Increases Yields.
Protects from
Bugs and Blight.
(See page 64.)



H. L. Holmes Inspecting Irish Cobbler Potatoes near Hershey, Penn. Very Early, Highly Popular

Turnips *The Best Varieties*

*A packet of seed will sow 50 feet of row; 1 ounce 300 feet.
It requires 1 to 1½ pounds per acre drilled; 2 to 2½ pounds broadcast.*

919 Purple Top White Globe

(55 days.) A well known Turnip; also sold under the name of Red Top White Globe. The roots grow to good size, 6 inches or more in diameter. They are nearly round and a rich purplish red on the upper part of the root. The lower portion is creamy white. Flesh is white, firm, crisp and of remarkably mild flavor. Suitable for freezing.

918 Purple Top Strap-leaf

(45 days.) Roots quite flat, 4 to 6 inches in diameter. The upper portion is a deep purplish red, the lower portion clear milky white. Fine grained, sweet, tender. Grown extensively for fall and winter use.

914 Early White Ball

(40 days.) A fine early round, pure white Turnip of excellent quality. Has small tops; grows quickly.

922 Seven Top (Foliage Turnip)

(45 days.) Much grown for "greens" in the South. Roots are not edible.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25

Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00

Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00

Rutabagas - Swede Turnips

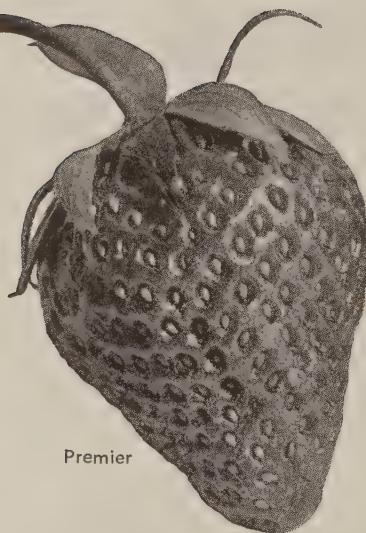
Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25

(100 days.) Bright yellow with purple top. Medium size, perfectly round or globe-shaped, smooth and of fine quality; one of the best for table use. This wonderful strain is smooth and uniform in shape.



Purple Top White Globe
By Far the Most Popular Turnip

Holmes' NORTHERN GROWN STRAWBERRY PLANTS



Premier

Holmes' Northern Grown Strawberry Plants are grown in disease-free areas and shipped direct from nursery to you. They are dug, inspected, carefully packed and shipped to you the same day. They are guaranteed to be true to variety, free from disease and to reach you in satisfactory condition. Any that are not satisfactory upon arrival, will be replaced if you will notify us within 5 days after you receive the plants.

REMEMBER: When you buy Holmes' Northern Grown Strawberry Plants you are getting freshly dug plants, not cold storage stock.

Please Note: Strawberry plants will be shipped when weather conditions permit digging and in time for planting. If plants are wanted on specific dates, we will do our best to meet them. In growing or handling plants, weather and other conditions we can't control sometimes affect shipments.

Set the plants with the crown level with the surface of the ground and firm the soil very tightly around the roots.

Rows should be 3½ feet apart and the plants 12 to 18 inches apart in the row. Strawberry plants can be shipped only to places in the United States east of the Mississippi and north of Tennessee.

Catskill. Extra Large Midseason Type. This variety is an excellent kind to prolong the season. The berries are firm, bright red in color and of very good quality. They are large in size, firm and attractive. The plants are vigorous, with plenty of runners, and the yields heavy. You will find this variety a welcome addition to your Strawberry bed.

PREMIER. Very Early—Enormous Crops. Premier is still the most reliable and productive kind of Strawberry. The plants are strong, healthy and extremely prolific. The blooms are hardy and there are so many of them that you always get a big crop. They ripen early and bear over a considerable period. The berries are large, deep bright red all over and the quality is very fine. The fruits are firm and well shaped. It is excellent for market or roadside stands and fine for home gardens. We recommend it.

Scarlet Beauty. Very good plant maker, even under adverse weather conditions. Ripens just after Premier. Berries large, conical, non-acid. Light, bright red color. Good shipper. Freezes well. Produces heavily over a long period.

Temple. Good plant maker. One of few varieties resistant to red stele. Fruit large, deep red, firm for shipping. Quite a heavy yielder. Somewhat resistant to frost.

Prices on the Above Varieties—Transportation Paid:

25 for \$1.40; 50 for \$2.25; 100 for \$3.90; 250 for \$7.75; 500 for \$11.50; 1000 for \$18.75.

Streamliner Everbearing. It has hardiness; the berries are large, well shaped, dark red and have marvelous keeping quality. Flavor delicious. Promises to equalize the Strawberry season, so that the fall season will become as important as the spring season. Price: 25 for \$2.50; 50 for \$4.15; 100 for \$6.75; 250 for \$11.00, transportation paid.

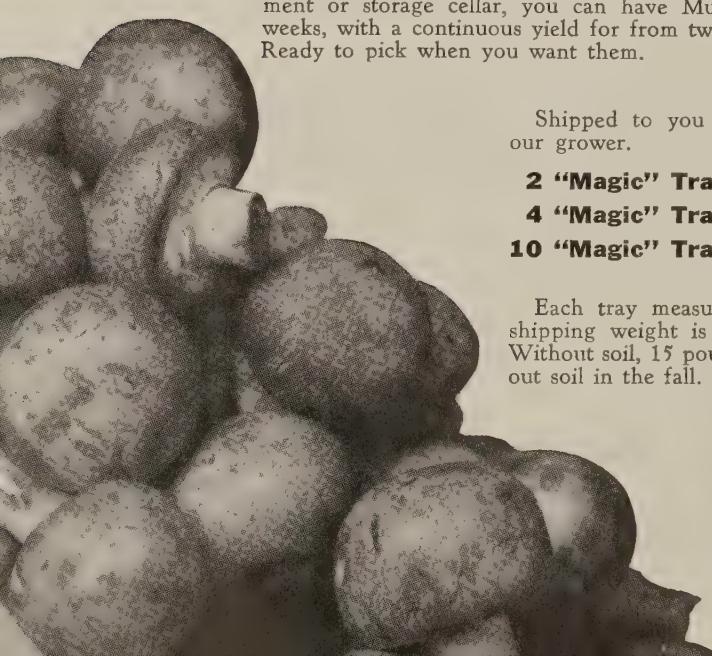
GEM. The Best Fall or Everbearing Variety. The berries are large, uniform, bright sparkling red and have a mild, rich flavor. They are firm and the quality is very good. They will produce two crops a year, giving you a full supply even out of season. Price: 25 plants, \$1.95; 50 for \$3.25; 100 for \$5.50, transportation paid.



Gem

Mushrooms — Grow Your Own

Holmes' Mushroom Trays are pre-planted Mushroom beds set in portable wooden flats all ready to grow. In your basement or storage cellar, you can have Mushrooms in three weeks, with a continuous yield for from two to four months. Ready to pick when you want them.



They are Safe. Compost is pasteurized. Will grow in any cool place. Ideal temperature 52 to 65 degrees.

Magic Mushroom Trays are shipped upon order from October 15 to April 15.

PRICES:

Shipped to you by express, not prepaid, from our grower.

| | |
|------------------------|---------|
| 2 "Magic" Trays | \$ 3.00 |
| 4 "Magic" Trays | 5.00 |
| 10 "Magic" Trays | 11.50 |

Each tray measures 14x17 inches in size. The shipping weight is 25 pounds per tray with soil. Without soil, 15 pounds. We suggest shipping without soil in the fall.



BETTER LAWNS With Holmes' Grass Seed

Whether you are seeding a new lawn or repairing an old one, it is very important that you use good seed. Much cheap grass seed carries an excessive amount of weed seeds, chaff and coarse grasses. These mixtures are made to sell at a price. Only the very best grasses are used in our mixtures. They are free from noxious weed seeds and contain a minimum of inert material.

HOLMES' SHADY LAWN SEED

The Ideal Grass Seed Mixture for Shaded Areas

Consists of shade-tolerant grass varieties properly proportioned together with sorts which do well in full light. With a little extra fertilization under trees, a fine, permanent lawn can be obtained everywhere grass gets very little sun.

| | | | |
|---------------|----------|--------------|---------|
| 1 lb. | \$1.25 | 10 lbs. | \$11.50 |
| 3 lbs. | 3.70 | 25 lbs. | 27.50 |
| 5 lbs. | 6.00 | 50 lbs. | 55.00 |
| 100 lbs. | \$108.00 | | |



HOLMES' LAWN SEED

The Best All-Purpose Lawn Grass

This mixture is composed of the finest grasses obtainable. Blended to give you a heavy turf of very fine texture. Containing Blue Grass, Red Top, Illahee Fescue, and Bent. Can be sown in full sun or light shade.

| | | | |
|---------------|----------|--------------|---------|
| 1 lb. | \$1.25 | 10 lbs. | \$11.50 |
| 3 lbs. | 3.70 | 25 lbs. | 27.50 |
| 5 lbs. | 6.00 | 50 lbs. | 55.00 |
| 100 lbs. | \$108.00 | | |

SEPARATE VARIETIES

COLONIAL BENT GRASS

Makes an excellent turf for lawns or greens. Forms a thick, fine textured sod, stands close mowing, and yet does well even on poor or acid soils. Sow 1 lb. to 600 sq. ft.

| | | | |
|------------|--------|-------------|--------|
| ½ lb. | \$0.90 | 5 lbs. | \$8.50 |
| 1 lb. | 1.75 | | |

KENTUCKY BLUE GRASS

The best grass for sunny places in good soil and is the basis for more good mixtures for sunny lawns. Makes a fine textured, deep green sod.

| | | | |
|--------------|---------|--------------|--------|
| 1 lb. | \$0.75 | 5 lbs. | \$3.65 |
| 3 lbs. | 2.20 | 10 lbs. | 7.20 |
| 25 lbs. | \$17.50 | | |

ILLAHEE CREEPING FESCUE

A new strain of creeping Red Fescue. Is ideally suited for dry soil either in sun or shade. Makes a thick, deep rooted sod. Very fine leaved, holds its color well.

| | | | |
|--------------|---------|--------------|---------|
| 1 lb. | \$1.25 | 5 lbs. | \$ 6.15 |
| 3 lbs. | 3.70 | 10 lbs. | 12.20 |
| 25 lbs. | \$30.00 | | |

HOLMES' WHITE DUTCH CLOVER

No Clover is used in Holmes' Lawn Seed Mixtures. If desired, it can be sown alone. Holmes' White Dutch is an excellent Clover, making close, compact growth, covering the ground like a carpet. It also prevents washing out of soil. Use sparingly. $\frac{1}{4}$ lb. will cover 1000 sq. ft.

| | | | |
|------------|--------|------------|--------|
| ½ lb. | \$0.75 | 1 lb. | \$1.45 |
|------------|--------|------------|--------|

Price is Transportation Paid:

AMOUNT OF LAWN SEED REQUIRED

| Size of Plot | Square Feet | Quantity |
|--------------|-------------|-----------------|
| 10x 20 ft. | 200 | 1 lb. |
| 20x 50 ft. | 1,000 | 5 lbs. |
| 20x100 ft. | 2,000 | 10 lbs. |
| 50x100 ft. | 5,000 | 25 lbs. |
| 200x200 ft. | 40,000 | 100 to 150 lbs. |

For renovating, use half these quantities.

WEED-FREE LAWNS THE EASY WAY

For sensational performance use New Improved Weedone 3, 4-D plus 2-4, 5-T. Kills weeds without injury to grass. Does not give off vapors that injure sensitive plants such as: Roses, flowers, or ornamental shrubs. See page 65.

ASK FOR OUR FREE LEAFLET, "LAWN POINTERS"



Princess Asters

HOLMES' Specialties

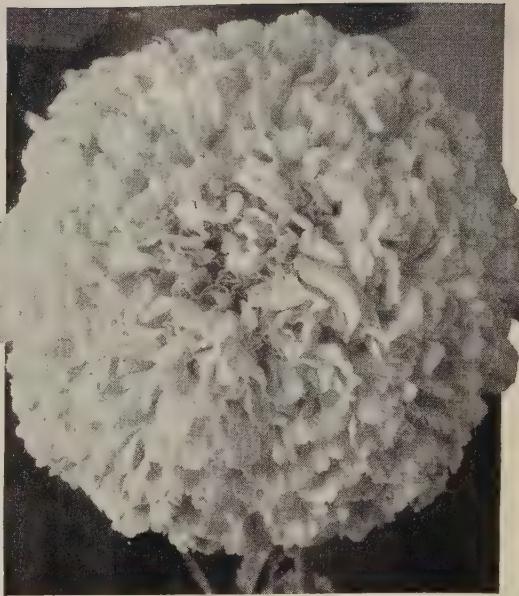
Wilt-Resistant ASTERS

Princess New Crested

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers. Splendid for cut flower use.

1211. **Princess Bonnie.** Beautiful soft salmon-rose with a center of rich gold. Pkt., 25c; $\frac{1}{4}$ oz., \$1.85.

1212. **Princess Mixed.** Many colors. Pkt., 25c; $\frac{1}{4}$ oz., \$1.85.



Sunset Giant Marigold

GLORIOUS GLEAM NASTURTIUMS Double Hybrid Mixed

1903. **Dwarf, Sweet Scented.** Beautiful new colors. There are flowers of solid colors, uniform throughout, and others with showy markings of contrasting colors. All are sweetly perfumed, and measure 3 inches across. Long, stout stems carry the big double or semi-double flowers well above the foliage. At almost every flower show, Glorious Gleam Hybrids were given the highest award for this unusual flower. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Flash MARIGOLD

All-America Award

1821. Earliest of all Marigolds—blooms in eight weeks from seed, continues through the season until frost. Never have we seen a Marigold so uniform in habit nor one which blooms so profusely as Flash. The combination of colors ranges from vivid red through bronze. Many of the flowers are tangerine at the base which is underlaid with rich red, giving it a harmonious effect. The individual flower of Flash grows $1\frac{3}{4}$ inches or more across and 18 inches tall. Pkt., 15c; $\frac{1}{4}$ oz., 60c.



Golden Veined Salpiglossis

SUNSET GIANT MARIGOLD Gigantea-Flowered

1813. **Finest Mixed.** The very largest Marigold yet developed. Flowers average 5 inches in diameter, while some, which were grown with special care, reach a diameter of 8 inches. The flowers have a definite sweet scent, which makes it an excellent variety for cut flower or garden use. The colors range through the deepest orange shades to light shades of golden orange and yellow, and a new shade of primrose. Plants are $3\frac{1}{2}$ to 4 feet in height and bloom the latter part of the summer. Annual. Pkt., 15c.

MARIGOLD, Naughty Marietta

1803. Since its introduction, this lively French Marigold is one of the most popular. Plants are uniformly 15 inches tall, producing masses of single blooms 2 inches across. The warm yellow petals are marked at the base with rich mahogany. Popular as a cut flower or with other varieties. Pkt., 15c; $\frac{1}{4}$ oz., 95c.

Golden Veined SALPIGLOSSIS Large-Flowered Emperor Mixed

2110. Large, improved strain. One of the easiest annuals to grow, is prized in the garden wherever grown. It is rich in deep color tones with veins of gold marking every petal. Sow in full sun in fairly rich soil. Do not over-water. Will bloom until frost. 2 feet. Pkt., 10c; $\frac{1}{4}$ oz., 50c; oz., \$1.45.



Flash Marigold

FANTASY ZINNIA Finest Mixed

2381. Fantasy is the most fascinating Zinnia introduction in many years. The ragged appearing flowers are interesting and graceful, and quite unlike the stiff, formal Zinnia of our grandmothers' gardens. The flowers are of medium size, composed of a mass of shaggy petals, large enough to give a splash of color, but also small enough for graceful arrangement in bouquets. The color ranges from the brightest shades of red, yellow, and orange to the soft pastel pinks and cream. An exquisite Zinnia. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

CALENDULA Pacific Beauty Mixed (New)

Resistant to Hot Weather

1299. Excellent as a cut flower all summer long. Produces uniformly large, well-formed flowers with wide, incurved petals which cover the center. Colors are clearer than in older varieties; stems longer and straighter and the plants stand up well in hot weather. For late fall bloom, sow seed in late June. Pkt., 25c.

ORNAMENTAL GOURDS Mixed

Rapid growing annual climbers with ornamental foliage and interesting and odd-shaped fruit. It is becoming very popular to use the fruit for table decoration.

1654. **Small Mixed.** Pkt., 10c; $\frac{1}{4}$ oz., 15c; oz., 40c.



Ornamental Gourds



Petunia, Celestial Rose

HOLMES' Superb Petunias

COLOSSAL SHADES OF ROSE

All-Double Petunia—All-America Medal Winner

1953. This is the first giant All-Double Petunia ever created in America and the biggest Petunia ever known, many flowers growing over 4 inches across. All are fully double, with beautifully ruffled petals. Color ranges from salmon-pink through rose-pink to deep, rich rosy mauve—an exquisite blending of rose shades. Excellent for beds, borders, window boxes and cutting. Pkt. (125 seeds), 90c.



Purple King Petunia

TOPAZ QUEEN

1983. After comparing the many rose Petunias on the market, we still believe Topaz Queen is the most compact growing scarlet-rose. Very effective with Snow Queen. Pkt., 25c; $\frac{1}{8}$ oz., \$1.00.

PURPLE KING

1985. A good bedder is this single variety that flowers a deep violet on a dwarf, compact plant. Pkt., 10c; $\frac{1}{8}$ oz., 50c.

BRIGHT EYES

Improved Rosy Morn

All-America Winner

1964. This dwarf, compact Petunia grows 7 to 9 inches tall and is completely covered with soft light rose-pink flowers blooming all summer till frost. Unsurpassed in garden beds, edgings and borders. Pkt., 25c.

The seeds which I bought in your store and sent to my sister-in-law in Germany were excellent. Numerous times she wrote me of her great success with them and how happy she was to be able to get them. I felt sure that you would be interested to know your seeds grew so well in a foreign country and gave so much pleasure to so many people. I am also enclosing another order for seeds which she has just written for.

Mrs. G. E. Mandry
192 Hilton Ave.
Youngstown 5, Ohio



Petunia, Topaz Queen
Rich Carmine-Rose

Cuthbertson Heat-Resistant Strain SWEET PEAS

2441 Mixed. This new strain has great vigor, profusion of large, fragrant blossoms, extra long stems, clear popular colors, ability to produce out-of-doors in those sections where heretofore Sweet Peas have been unsuccessful due to hot weather conditions. Ideal type for home gardeners. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.20.

ROCK GARDEN

Perennial Mixture

2090. Holmes' Superb Mixture. A carefully prepared mixture of rare and choice perennials, suitable for rock gardens. Maximum height 6 inches. Pkt., 15c; $\frac{1}{4}$ oz., \$1.25.

Annual Mixture

2100. Holmes' Special Mixture. A carefully prepared mixture of low growing, many colored, free flowering annuals, which will supply color in your rock garden all summer. Height 6 inches. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

HEAVENLY BLUE

1981. The silvery blue flowers of this variety have a beauty all their own. We offer an extra select strain. Pkt., 15c; $\frac{1}{8}$ oz., \$1.15.

SNOW QUEEN

1984. Our finest pure white bedding Petunia. Its strong spreading growth and free flowering habit have made it a favorite wherever grown. Pkt., 10c; $\frac{1}{8}$ oz., 35c.

CELESTIAL ROSE IMPROVED

1989. Without exception, this is still the most satisfactory pink Petunia for most any situation. Bright sparkling satiny rose flowers of good size on plants that remain quite compact. They start blooming early and continue all summer in spite of most any weather. It's much better than Rosy Morn in color, size, uniformity and compactness. Pkt., 10c; $\frac{1}{8}$ oz., \$1.00.

TETRA SNAPDRAGON

Giant Ruffled Tetraploid Mixed

1123. Florets are 2 to $2\frac{1}{2}$ inches long and $1\frac{3}{4}$ to 2 inches wide, closely set on husky stems. The flower spikes are about 9 inches long and full length of the stem is 24 to 30 inches. Largest flowered type of Snapdragons on the market. We believe Tetra is the most satisfactory blend of Snapdragon for garden use that is available. Pkt., 30c.

Holmes' SURPRISE GARDEN

2300. The packet that will provide a complete flower garden at a minimum of expense. Hundreds of colorful flower varieties are combined in this package to create a most interesting and spectacular effect.

Prepare a piece of sunny ground by having it dug deeply and well fertilized, pulverized and raked smooth. Scatter Holmes' Surprise Garden Mixture, raking very lightly to cover the seeds. Watch results (a packet will sow a plot 20 feet by 10 feet).

You will enjoy the harvest of beauty. All summer and autumn these gay, annual flowers will brighten your garden and your home.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

Seeds of Holmes' Annual Flowers

PERENNIAL FLOWER SEEDS will be found on pages 51 to 55.

The height given for each variety is average, and some variation is natural under different growing conditions.

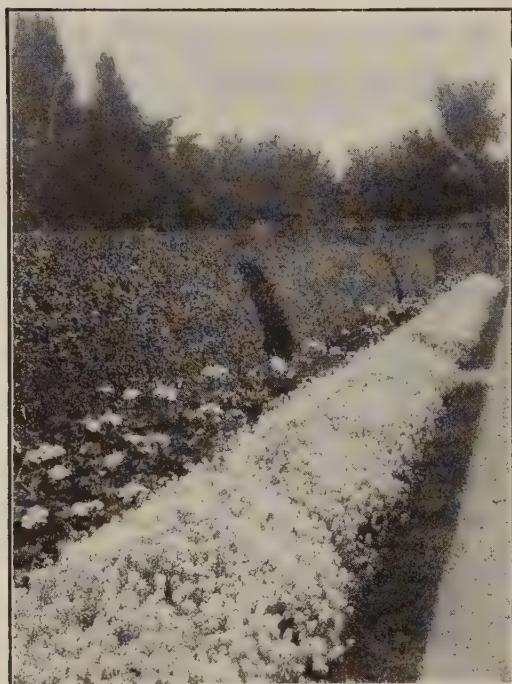
AFRICAN GOLDEN DAISY (See Dimorphotheca)

Ageratum - Floss Flower

The flowers are dainty and feathery, often delightfully fragrant and usually completely cover the plants. The blue of the Ageratum combines well with pink in the garden. Very effective for borders and solid beds. Easy to grow. Blooms all summer and fall.

1075 Blue Bedder

A very low, compact lavender-blue, with large flower clusters. Deeper color than Blue Ball. Height 4 inches.



Alyssum, Carpet of Snow

1072 Blue Ball

Is just what you want. A true, compact plant of even height. The growth is most uniform and even. The broad green foliage is almost completely smothered with flowers of the richest shade of blue. Height 6 inches.

1078 Midget Blue

All-America Winner. Midget Blue, a really dwarf Ageratum, is only 2 to 3 inches high with delicate, fine foliage which is practically smothered with small, true Ageratum-blue flowers. Blooms all summer and fall.

Alyssum

1081 Little Gem

Dwarf, white, compact, fine for beds, edging or rockwork; a lace frill for a garden, blooming profusely all summer. Very sweetly scented. Height 6 inches.

1083 Carpet of Snow

No flower is more easily grown than the popular Alyssum. It is particularly attractive in combination with Blue Lobelia and Dwarf Yellow Marigold. It is one of the most enduring of all edging plants. Seed germinates in 12 days. Height 3 inches.

1079 Violet Queen

The plants are a mass of bright violet blooms until cut down by frost. We are sure that you will like this peculiar shade. It is fragrant and holds its color through the hottest, driest summer. Height 4 inches.

Amaranthus

1090 Molten Fire

Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., \$1.25
A very showy plant with brilliant red foliage and Poinsettia-like flower. Will thrive best in sunny position. Height 3 feet.

1093 Blue Bird

Sprays of vivid indigo-blue flowers all summer. Good to mix with other flowers in bouquets and one of the easiest flowers to grow. 2 feet.

Anchusa

Pkt., 10c; $\frac{1}{8}$ oz., 25c



Anchusa, Blue Bird

Arctotis - African Daisy

1145 Blue-Eyed African Daisy

Pkt., 10c; $\frac{1}{4}$ oz., 50c

An excellent long-stemmed cut flower for dry, sunny location. The flowers are like large, white Daisies with blue centers. Effective planted among other medium tall flowers. Easy to grow. Blooms from July to frost. 2 feet.

1147 Large Flowering Hybrid

Pkt., 25c

These large Hybrids include the finest range of coloring we have ever seen in Arctotis. They embrace many gorgeous colors, many with interesting contrasting basal markings to the ray petals. Extremely useful for bowls and vases, and if cut in the young state the flower heads last in water for a long period, making an attractive table decoration. Height 9 inches.

Holmes' Wilt-Resistant Asters

Avoid planting Asters in the spot where they grew last year. A new location will aid materially in preventing soil-borne diseases.

The main points to observe in growing good Asters are: Good varieties, good seed, good deep, rich soil, and a location which will permit continual cultivation. Asters do not like lime in the soil.

Those marked (*) are Wilt-Resistant or "Stem-Rot."

Spray With Pratt's 25% DDT, See Page 64



Arctotis, Large-Flowering Hybrid

Princess - New Crested Aster

Princess Asters have a full crested center, surrounded by several rows of strong guard petals. Most charming flowers. Flowers are fine keepers. Early and free bloomers. 18 to 24 inches.

1211 Princess Bonnie

A beautiful soft salmon-rose with center of rich gold.

Pkt., 25c; $\frac{1}{4}$ oz., \$1.85

1212 Princess Mixture

Grown for us by an Aster specialist and includes creamy yellow, peach and salmon.

Pkt., 25c; $\frac{1}{4}$ oz., \$1.85

*Early Giant Double

Curled and Interlaced

Early Giants combine the finest large flowered fluffy or feathered type of flower with the long, heavy-stemmed, Wilt-Resistant Aster yet developed. Comes into flower four to six weeks earlier than the Giants of California. The large, double flowers with long, attractively curled petals, rivaling Giant Chrysanthemums, grow 5 inches or more in diameter. Bloom from early August until frost. Height 1½ feet.

*1194 Light Blue

Big lacy flower.

1195 Peach Blossom

Shell-pink.

*1197 Rose Marie

Rich shade of rose.

*1199 Mixed

Both colors.

The above, each: Pkt., 15c; $\frac{1}{8}$ oz., \$1.00

Giant California Sunshine

A Superb Beauty

1260 Mixed Colors

The attractive colors of the long, feathery petals make a most striking contrast with the creamy white quilled centers. Each plant has a great many long-stemmed flowers which come in a variety of beautiful colors. Height 2 feet.

Pkt., 15c; $\frac{1}{8}$ oz., 50c

*Heart of France

1171 The Best Pure Red

This gorgeous Aster opens purest ruby-red, retains its remarkable satiny luster. The flowers are large and double, on long, strong stems. Height 1½ to 2 feet.

Pkt., 15c; $\frac{1}{8}$ oz., 75c

*Holmes' Matchless

Largest and Most Prolific of All Asters

These are in every way a superior race of Asters. The plants are very healthy, robust, of branching growth, producing on long stems immense Chrysanthemum-like flowers of perfect form. They are wonderfully prolific and continuous bloomers. The decorative effect of a bed or vase of these Asters cannot be surpassed. Height 2 to 3 feet.

*1160 Azure Blue

*1166 Pearl-Pink

*1161 Deep Rose

*1167 White

*1162 Purple

*1169 Mixed, All Colors

The above, each: Pkt., 15c; $\frac{1}{8}$ oz., 50c



Early Giant Double Aster

Improved California Giants

1188 Mixed, All Colors

Pkt., 15c; $\frac{1}{8}$ oz., 40c

In this splendid new strain, the earliness and the beautiful fluffy Comet type of flower of the Crego Asters is combined with the giant size and vigor of the American Beauties. We urge all who grow Asters for cut flowers to try the California Giants, believing they are destined to become the most valuable of all Asters for cutting. Height 3 feet.



Aster, Holmes Matchless

*Early Royal

*1210 Mixed, All Colors

The large double flowers are on stiff stems and commence to bloom early. Free blooming and fine for cutting. Height 1½ to 2 feet.

Pkt., 10c; $\frac{1}{8}$ oz., 35c

Crego's Giant (Ostrich Feather)

*1233 Mixed, All Colors

Large, fluffy or feathery flowers, double, on long stems. Good for cutting. Height 2½ feet.

Pkt., 10c; $\frac{1}{8}$ oz., 35c

*Giant American Branching

A Good Garden Aster

The flowers are full, double, large, and on long, stiff stems, making them ideal for cut flowers. These are the most popular and widely grown of all Asters. Height 2½ to 3 feet.

*1244 White

*1249 Peach Blossom

1173 Peerless Pink

*1250 Azure-Blue

*1247 Deep Rose

*1251 Purple

*1248 Sensation. Oxblood-red.

*1253 Finest Mixed

The above, each: Pkt., 10c; $\frac{1}{8}$ oz., 35c



Bachelor's Button, Holmes' Double

ASTERS—Continued

*Superfine Double Mixed

Wilt-Resistant

1267 Holmes' Finest Mixed

Huge, full, double, solid blossoms. We offer this fine sort in a mixture that contains crimson, rose-pink, lilac-mauve, rose, white and numerous other colors.

Pkt., 10c; $\frac{1}{4}$ oz., 75c

Bachelor's Button - Centaurea

Cornflower, Ragged Sailor, Blue Bottle, Centaurea Cyanus. A new strain of Double Cornflowers of brighter, clearer colors with long stems. Excellent for both bouquets and garden. Blooms freely until frost. Annual. Flowers in six weeks. Height 2½ feet

1395 Holmes' Double Mixed

A complete mixture of the new and improved strains.

Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 70c

1390 Blue Boy

Deep blue.

1391 Pinkie

Lovely pink.

1392 Red Boy

Deep red.

1393 Snowman

Pure white

Any Color: Pkt., 10c; $\frac{1}{4}$ oz., 35c

Giant Sweet Sultans - Imperialis

1404 Imperialis Mixed Colors

Pkt., 10c; $\frac{1}{4}$ oz., 25c

Finest of all Sweet Sultans for cut-flower purposes. The beautiful, artistic shaped flowers are borne on long, strong stems. When cut and put in water, will last for several days in good condition. They have a soft fragrance and add beauty to the garden picture. Height 2½ feet.

BABY BREATH (See Gypsophila)

Balsam - Lady Slipper

1272 Bush Double Mixed

A charming old-fashioned garden favorite. Blooms from July until frost. Height 18 inches.

Pkt., 10c; $\frac{1}{4}$ oz., 85c

BLACK-EYED SUSAN (See Thunbergia)

BLUE LACE FLOWER (See Didiscus)

BEANS (See Scarlet Runner)

Begonias - Tuberous-Rooted

1283 Tuberous-Rooted Prize Double Mixed

Pkt., 50c

For brilliancy of color, few plants can compare with Tuberous-Rooted Begonias. For greenhouse and summer bedding. A little difficult to raise.

Calceolaria

1286 Dwarf Prize Mixed

This strain has become popular in recent years for indoor decoration in pots, owing to its dwarf and compact habit. The flowers, which are smaller than the large-flowered types, are produced in great profusion in a wide range of beautiful colors. Height 1 foot.



Bush Double Mixed Balsam

Calendula

The ideal garden flower with their bright shades of cream through yellow to deep orange from late summer until frost. Growing 2 feet with plenty of foliage, makes it useful in your garden. Makes good flowers to cut for bouquets. 20 to 24 inches. The way to grow better Calendulas for fall flowers is to sow the seed in late June or early July. You get better and more flowers in cooler weather. For early summer flowers the seed may be started indoors in late March.



Orange King Calendula

1297 Orange Fantasy (Crested)

Pkt., 10c

New. A distinct large flowering Calendula. The outside petals are long and twisted, inner petals are short and curled. Color, beautiful shades of copper-orange, petals edged mahogany-red.

1289 Orange King

Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., \$1.10

Outer petals are slightly imbricated, while the centers are incurved. A glowing orange. Height 18 inches.

1299 Pacific Beauty Mixed (New)

Pkt., 25c

Excellent as a cut flower all summer long. Produce uniformly large, well formed flowers with wide incurved petals which cover the center. Colors are clearer than in older varieties; stems longer and straighter and the plants stand up well in hot weather. For late fall bloom, sow seed in late June.

1296 Sunshine (Chrysanthemum)

Pkt., 15c

A truly fascinating variety. A pleasing shade of yellow, long stems and graceful Chrysanthemum-formed flowers.

1294 Large Double Mixed

Pkt., 10c; $\frac{1}{4}$ oz., 25c; oz., 75c

All colors.

California Poppy - Eschscholtzia

1608 Holmes' Superfine Mixed

Pkt., 10c; $\frac{1}{4}$ oz., 50c

A beautiful variety of large flowering saucer-shaped blossoms, with brilliant frilled and fluted flowers, in unusual array of colors from yellow, pink, old gold, red, purple, orange, and cream. Very easily grown, preferring a dry, sunny location. Annual. 1 foot.

Calliopsis

An excellent flower for massing in a border. The brilliant flowers are borne upon long stems and are useful for cutting. Blooms from early summer until fall. Prefer a sunny spot.

1298 Holmes' Special Tall Mixture

This is the most pleasing mixture offered. It contains all the desirable sorts and colors of these beautiful flowers. A great number of kinds have been especially selected for it. Height 2 feet.

Candytuft - Iberis

Umbellata

1 foot. Very hardy, easy to grow and very fragrant. Valuable for bedding or massing, also for cutting. Blooms early and continues in flower for a long time.

1336 Rose Cardinal

1338 Lavender

1335 Giant Hyacinth-Flowered

The finest white. Long, heavy spikes of immense flowers resembling a Hyacinth. 15 inches.

Cardinal Climber

1345

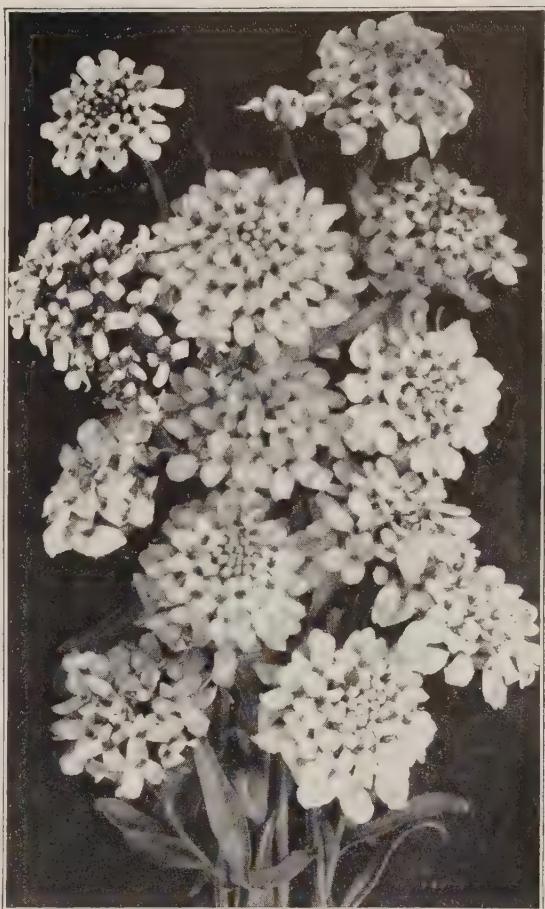
Vigorous vine of great charm on account of its bright red flowers. The vine grows 15 feet and blooms all summer. Annual.



Calliopsis



Carnation
Giant Double Chabaud



Candytuft, Umbellatum Mixed

Carnations

1355 Giant Double Chabaud Improved

Pkt., 15c; 1/4 oz., \$1.25

The most satisfactory of the annual Carnations for outdoor gardens. Larger, more free flowering and with greater percentage of double flowers than other sorts. Sweet-scented with rich coloring you will like. Planted in protected spots they will bloom the following summer. Mixed colors.

1353 Giant Double Red (Everblooming)

Pkt., 25c

Blooms five months from time seed is sown and continues throughout the summer. Plants are of robust, upright habit, bearing exquisite double flowers of fine form. Are clove-scented.

Castor Oil Bean - Ricinus

2095 Zanzibariensis Mixed

Pkt., 10c; oz., 30c; 1/4 lb., 85c

This elegant and stately plant is chiefly valued for its ornamental foliage. Much used as an accent plant in the center of large beds. They grow up to 10 feet, but in the tropics they become 40-foot trees. How big can you grow one?

CELOSIA (See Cockscomb)

Chrysanthemum

1415 Rainbow Mixed Colors

Pkt., 10c; 1/4 oz., 25c

Called Painted Daisies because of the showy color combinations of yellow, mahogany, soft pink and purple, made by the disk color extending into the petals. Excellent, long-stemmed, cut flowers. Neat, compact plants blooming all summer. Height 20 inches.

CHRYSANTHEMUM,
SINGLE AND DOUBLE PERENNIAL
(See Shasta Daisy, page 52)

Cineraria

These are probably the most popular of our easily grown winter pot plants for greenhouse or conservatory. For a supply of plants to cover the season, seed should be sown from May to October.

1425 Holmes' Dwarf Prize Mixed

Pkt., 35c

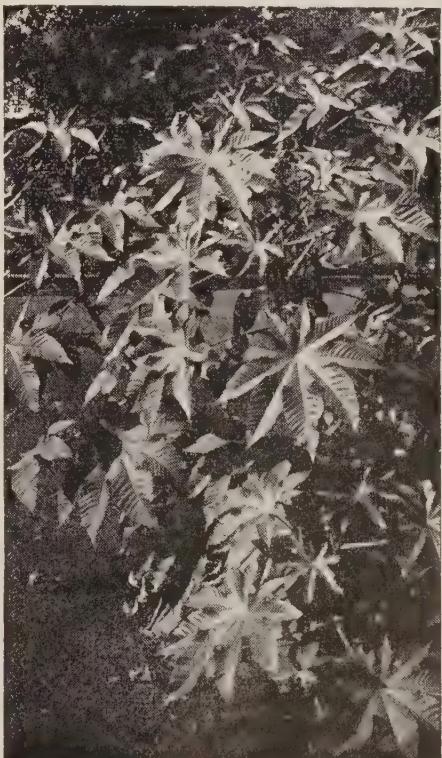
This large flowering strain is grown for us by a specialist. It has been developed through selecting from the best giant strains, is extra large flowered, and covers the color range. Height 10 inches.

THE BOOK of ANNUALS

By Alfred C. Hottes

Complete and easy to use; it deals with seed sowing, transplanting and cultivation, describing fully all popular garden annuals together with information as to where to use them.

\$2.00, postpaid.



Castor Oil Bean—Ricinus

CENTAUREA (See Bachelor's Button)

Clarkia

1430 Double Prize Mixed

This easily grown annual is not as much appreciated as it should be. The colors run from white through to pink and deep rose. It is free blooming and makes an excellent cut flower. The seed may be sown in the fall or spring. Blooms from July to October. Height 2 feet.

Pkt., 10c; $\frac{1}{8}$ oz., 25c



Clarkia, Double Prize Mixed

1440 Pink Queen

Silver Medal, 1942 A.A.S. Huge heads of delightful, clear pink blooms, borne high on tall, well branched and attractive plants, with clean and airy foliage. It starts to bloom in early July and continues on without a lapse until frost cuts it down. Known simply as the "Pink Spider Plant" but truly a magnificent introduction and more than worthy of the honors heaped upon it.

Cleome

Pkt., 15c; $\frac{1}{4}$ oz., 80c

1369 Cristata, Mixed Colors

Has huge, laterally flattened heads which suggest the comb of a giant chanticleer, in brilliant colors. Annual. Height 1 foot.

Pkt., 15c

1375 Thompsoni Magnifica Plumosa (Ostrich Plume) Mixed Colors

Pkt., 15c

The long pyramid-shaped, feathery heads are fine to cut with other flowers. Annual. Height 2 feet.

1360 Childsi (Woolflower) Mixed

Pkt., 10c; $\frac{1}{8}$ oz., 35c

The heads form globular pink, crimson and orange masses resembling balls of woolen yarn or silk thread. The plants start to bloom when only several inches tall. Branches develop, each tipped with a flower often from 4 to 6 inches in diameter. Annual. Height 2 feet.



Cockscomb, Thompsoni Magnifica Plumosa

Coleus

1450 Holmes' Royal Fancy Mixed

Pkt., 35c

Very handsome decorative plants with foliage of brilliant varied colors, many having fantastic markings. Plant in full sun for complete development of color. Also good house plants.

Corn

1453 Indian or Squaw

Oz., 15c; $\frac{1}{4}$ lb., 35c

This Corn produces large ears with multi-colored kernels in an endless number of interesting shades. In great demand, when dried, for autumn and winter decorations.

Cosmos

1468 Radiance

Pkt., 20c; $\frac{1}{4}$ oz., \$1.40

Is a large, fairly early, deep rose with a strong crimson eye. Strong grower and color is outstanding.



Early Double Crested Cosmos

1470 Giant Sensation Mixed

A new Cosmos. The largest flowers and the earliest to bloom. Produces very large pink, red and white flowers 4 to 6 inches across. Superior to all other early Cosmos.

Pkt., 10c; $\frac{1}{4}$ oz., 40c

1471 Orange Flare

Gold Medal Winner. Early, vivid orange, long stem.

Pkt., 10c; $\frac{1}{4}$ oz., 35c

1464 Early Double Crested Mixed

A new and distinct type of large flowering Cosmos, the center being full double and crested. Makes a wonderful cut flower.

Pkt., 15c; $\frac{1}{8}$ oz., 40c

1469 Single Early Giant Mixed

Pkt., 10c; $\frac{1}{4}$ oz., 20c

Cynoglossum - Chinese Forget-Me-Not

1494 Firmament (New)

This is the new, more compact and improved strain that won All-America recognition two years ago. It is a very satisfactory bright deep blue for your garden. The flowers are in sprays, like "Forget-Me-Nots" on plants 18 inches tall. One of the easiest flowers to grow from seed sown outdoors.

Pkt., 10c; $\frac{1}{8}$ oz., 30c



Cosmos, Giant Sensation

Dahlia

1496 Unwin's Dwarf Hybrids

Pkt., 20c; $\frac{1}{4}$ oz., \$1.25

Be sure to plant these graceful semi-double flowers in many colors. Sow in March indoors and they will bloom by the end of June. Fine for bedding and cutting. Height 18 inches.



Dahlia, Unwin's Dwarf Hybrids



Double Dianthus



Dimorphotheca,
African Golden Daisy

Rapid growing climbers with ornamental foliage, and interesting and odd-shaped fruits. It is becoming very popular to use the fruit for table decorations. Annual. Height 10 feet.

1655 Large Ornamental Mixed
1654 Small Ornamental Mixed

1658 Covent Garden Strain

The sprays of white Baby's Breath are almost indispensable for bouquets to enhance the exquisite delicacy and daintiness of many flowers. Especially effective with Sweet Peas. Sow every two or three weeks in order to have a succession of bloom. 15 to 20 inches.

1661 Carmine Beauty

A new bright carmine shade excellent for cutting. Annual. Height 18 inches.

HELIANTHUS (See Sunflower)

Dianthus - Pinks

Blooming as they do from early summer until late fall, Pinks are a constant delight both for garden display and for cutting. Annual.

1526 Single Gaiety

Gaiety contains a good percentage of salmon, pink and rose colors and retains the large size of blooms and deep laciniation. It makes a giant flower of many colors. This is the liveliest color blend found in Dianthus.

1520 Double Mixed Colors

An unusually fine mixture of double flowering Pinks in many colors and a great variety of markings. Large flowering and free blooming. Height 12 inches.

1525 Westwood Beauty

All-America Winner. These new Pinks are long-stemmed, single, many shades of red measuring 1½ to 2¼ inches across. Height 16 inches.

1554 Sweet Wivelsfield Mixed

A cross of Dianthus plumarius and Sweet William, blooming the first year from seed. The flowers are larger than Sweet William and in an almost unbelievable range of color. Height 15 inches.

Didiscus

1560 Blue Lace Flower

Charming blue annual, with dainty lavender and blue flowers which resemble Queen Anne's Lace of our roadsides. Excellent cut flowers. Height 2½ feet.

Dimorphotheca (African Golden Daisy)

1580 Aurantiaca Hybrida Mixed

Pkt., 10c

Beautiful new hybrids of the African Golden Daisy. Flowers large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. Bloom during summer and fall. Annual. 12 inches tall.

Dusty Miller, White-Leaved

1380 Gymnocarpa

Pkt., 10c; ¼ oz., 40c

All gardens need a few plants with gray foliage to tone down the brilliant colors. Foliage finely cut of silvery gray colors. Height 1 foot.

EUPHORBIA (See Snow-on-the-Mountain)
FLOWERING TOBACCO (See Nicotiana)

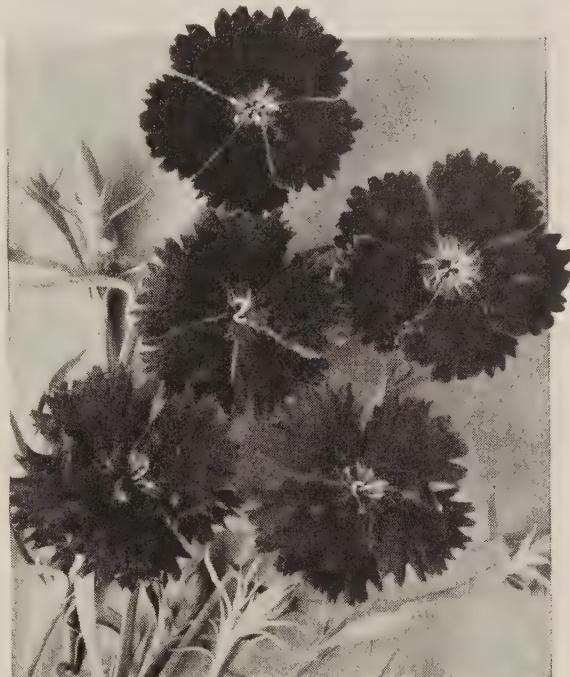
Forget-Me-Not - Myosotis

The flowers are dainty and beautiful. Fine for borders, edging, rock gardens or in beds. Succeeds best in cool, moist soil. Blooms during spring and summer.

1860 Alpestris, Royal Blue

Pkt., 10c

Rich indigo-blue flowers. The finest and most effective deepest blue variety. Annual. 12 inches in height.



Dianthus, Westwood Beauty

Four O'clock - Marvel of Peru

1830 Finest Mixed

Pkt., 10c; oz., 30c; ¼ lb., 90c

A well known annual of bushy habit. Bears throughout the summer; does well anywhere. Height 12 to 15 inches.

Gaillardia

1625 Double Mixed Colors

Pkt., 10c; ¼ oz., 35c

One of the best cut flowers among the annuals. The attractive double flowers have loosely arranged petals which are gracefully fringed. Our mixture contains red, yellow, creamy white and combinations of these colors. Height 18 inches.

Gloxinia

1640 Giant Hybrids

Pkt., 50c

Magnificent plants for the house or conservatory. For richness of coloring the velvety, tubular blooms of the Gloxinia are unsurpassed. Height 12 inches.

Gourds



Gourds

Gypsophila - Baby's Breath

This plant is one of the daintiest of the old-fashioned flowers, with a misty grace which is not found in other flowers. The flowers themselves are white; and the plants are covered with myriads of these blossoms. Sow every two or three weeks in order to have a succession of blooms.

1658 Covent Garden Strain

The sprays of white Baby's Breath are almost indispensable for bouquets to enhance the exquisite delicacy and daintiness of many flowers. Especially effective with Sweet Peas. Sow every two or three weeks in order to have a succession of bloom. 15 to 20 inches.

1661 Carmine Beauty

A new bright carmine shade excellent for cutting. Annual. Height 18 inches.

Pkt., 10c; ¼ oz., 35c



Hollyhocks, Indian Spring

Heliotrope

Pkt., 15c

1685 Giant Blue Mixed

Because of the delightful fragrance and long duration of bloom, everyone loves Heliotrope. The large heads are in various shades from lilac to deep blue. Height 20 inches.

Hollyhocks (Annual)

Pkt., 15c

1688 Indian Spring

Annual Hollyhocks are relatively new garden plants. The older varieties are biennials. Indian Spring has extremely attractive, semi-double and double flowers showing shades of pink, bright rose and rosy carmine. Height 3 to 4 feet.

Kochia - Summer Cypress; Mexican Firebush

1730 Childsi

Grows in a perfectly pyramidal bush with small, feathery, light green foliage. Makes a splendid hedge. Annual. Height 2½ feet.

LACE FLOWER (See Didiscus)

Lantana

Pkt., 15c

1740 Dwarf Finest Mixed

One of the most satisfactory plants for pots, flower boxes or bedding; constantly in bloom. Verbena-like flowers of orange and red, white and rose, and other colors. Annual. Height 1 foot.

Larkspur - Super Majestic

Here is the beginning of a new race of Larkspurs. They are an improved Imperial or Base Branching type with very large double flowers set close on the stem. You won't know how gorgeous Larkspur can be until you try these. 5 feet.

1764 Majestic White

1766 Majestic Lavender

1763 Majestic Rose

1765 Majestic Mixed. All colors.

The above, each: Pkt., 20c; ¼ oz., 50c; ½ oz., 85c

Larkspur - Double Giant Imperial

Growing Larkspur From Seed is very easy. The seed requires cool weather for good germination. Spring sowing outdoors should be done as soon as it is possible to work the soil, about April 10th. Seed sown about October 1st will survive the winter and start blooming the following summer. Placing Larkspur seed in a refrigerator from 24 to 48 hours will induce quicker and higher germination. Height 3 feet.

1747 Blue Bell

Clear mid-blue; excellent.

1750 Blue Spire

Deep violet-blue.

1754 Dazzler

Rich carmine.

1760 Exquisite Pink Improved

Rich soft pink.

1751 Lilac Queen

Rich lilac-lavender.

1752 Los Angeles Improved

Salmon-rose.

1758 Rosalind

Deep rose-pink.

1761 White King

Finest white; early, large flowered.

1742 Giant Imperial Mixed

The above, each: Pkt., 15c; ¼ oz., 50c; oz., \$1.50

Larkspur - Supreme

1743 Supreme Mixture, All Colors

Pkt., 25c

Ideal cut flower strain. Magnificent, full, double flowers, wide petals.

Lavatera - Annual Mallows

1769 Loveliness

Showy plant covered with rich rose-pink flowers, very effective as a garden plant, the bronzy foliage and stems making a fine attraction to the flower. Height 24 inches.

Linaria - Baby Snapdragon

1771 Fairy Bouquet Mixed

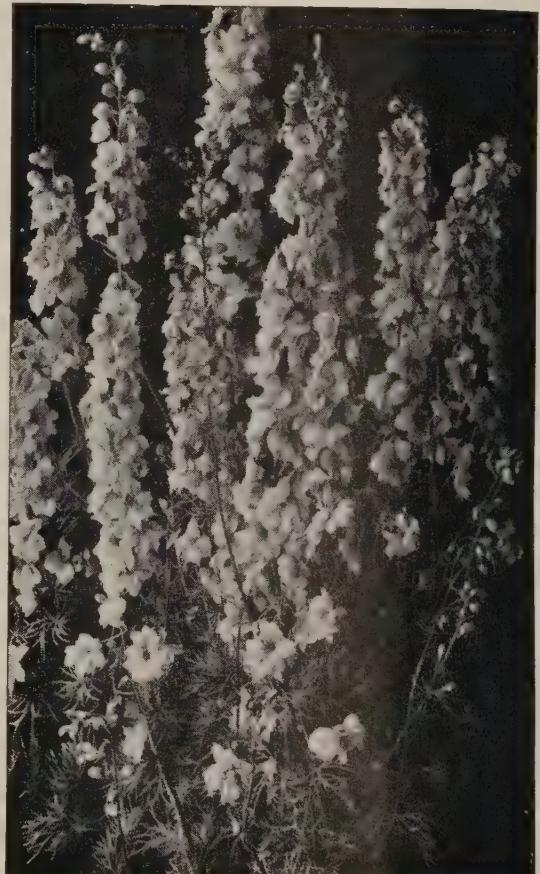
These dainty flowers resemble miniature Snapdragons, very suitable for bouquets and table decoration. Clumps of Fairy Bouquet with its bright colors and pastel shades form an interesting feature of the annual border. Blooms in about eight weeks from seed. Height 10 inches.

Lobelia

The dwarf sorts for edging beds of other flowers, vases and window boxes. Blooms all summer. Annual.

1775 Crystal Palace

A very dwarf and compact variety, each plant forming a dense ball of dark blue flowers. Though usually grown for edgings, they are very effective in small beds. Height 4 inches.



Larkspur, Giant Imperial Mixed



Lupines

Lupines, Annual

Perennials, see page 54.

1789 Giant King Mixed

Long spikes of white, blue, lilac make this an ideal cut flower. Easy to grow from seed; prefers some shade. Height 3 feet. Inoculate seed with Nitragin. Pkt., 10c.

Marigolds

Best Way to Grow Marigolds: Sow May 15th or when ground is sufficiently warmed. Then sow in a warm, sunny spot and cover seed very lightly. You can start in boxes indoors about April 20th. Tall varieties should be planted at least 15 to 18 inches apart each way; low growing sorts take half as much space. When plants are 4 to 6 inches in height, cover the soil with Peat Moss. Keep mulch 1 inch deep over your Marigold bed all summer. You will have more Marigolds.

Marigold - Carnation-Flowered - 24 inches

1807 Burpee's Gold (Odorless)

Producing flowers 2 to 2½ inches across of brilliant orange flushed with gold, with odorless foliage.

1809 Guinea Gold

It has golden orange, double flowers, 3½ inches across.

1805 Yellow Supreme

Giant formed flowers with broad overlapping petals, so arranged that the bloom closely resembles a Carnation. The color is a soft shade of moonlight-yellow. Height 2½ feet.

Marigold - Tall African Double

1811 All-Double Mixed Colors

Pkt., 10c; ¼ oz., 50c
Yellow and orange.

1818 Holmes' Best Double Mixed

Pkt., 10c; ¼ oz., 30c
All colors.

Marigold - Chrysanthemum-Flowered

1826 Mammoth Mum

All-America Award. Mammoth yellow blossoms 4 inches or more across and fully 2 inches deep, resembling huge Chrysanthemums. Luxuriant deep green foliage on plants which reach a height of 3 feet and bear huge, long-stemmed "Mums" from August until frost.

1813 Sunset Giants Mixed Colors

Pkt., 15c; ¼ oz., 70c; oz., \$2.25
The largest of the new Marigolds. Flowers have broad, fringed petals and interesting variations in size and form. Colors range from creamy yellow through deeper yellows to shades of orange; 3 to 4 feet tall; delightfully fragrant.

1814 Goldsmith

Golden orange. 18 inches.

1817 Pot O' Gold

Pkt., 15c; ¼ oz., 70c
Deep golden orange. All double. 15 inches.

1825 Yellowstone

Honorable Mention. Clear, bright golden yellow Chrysanthemum-shaped flowers, 2½ inches across and of a color so clean and rich that the blooms radiate an unbelievable brightness. 18 inches.

Marigold - Double Dwarf French

1824 Butterball

Very aptly named for the individual flowers are balls of butter-yellow with centers and guard petals lightly tipped with red. Height 10 inches.

1827 Harmony

The flowers are composed of several rows of broad outer petals surrounding the crested centers and range in color through shades of yellow, orange or maroon, many with contrasting stripes or blotches. Height 1 foot.

1801 Scarlet Glow

Bright scarlet-red. 12 inches.

1816 Spry

A rich color of mahogany and gold. 9 inches.

1828 Sunkist

Golden orange flowers 1½ inches across. Grand for bedding. Height 6 to 8 inches.

1823 Yellow Pygmy

The lowest growing Marigold and one we know is very popular. Is first to bloom and is covered all summer with double, bright yellow flowers 1 to 1½ inches across, each on a stem 4 to 6 inches long. Very fine for edging or rock gardens. Height 6 inches.

1820 Monarch Double Mixed

All Double Exquisite Mixture.

Pkt., 15c; ¼ oz., 70c

Pkt., 15c; ¼ oz., 60c

Pkt., 15c; ¼ oz.,

MARVEL OF PERU (See Four O'clock)
Mignonette

1850 Giant Mixed Colors

The sweet fragrance of Giant Machet wins all hearts. Renders bouquets delightful. Sow in April and July for succession of bloom. Annual. Height 15 inches.

Pkt., 10c; $\frac{1}{2}$ oz., 25c

1715 White

A climber of rapid growth with beautiful flowers; at night and during dull days the plants are covered with large, white, fragrant blooms. Soak seed in warm water over night to assist in rapid germination. Annual.

Moonflower

Pkt., 10c; $\frac{1}{2}$ oz., 50c

1721 Blue Star
(All-America Winner)

A distinct shade of clear sky-blue, and a deeper blue midrib which forms an attractive star.

Pkt., 25c

1717 Crimson Rambler

The flowers, as large as Heavenly Blue, are an intense carnelian-red, presenting a very gay appearance. Growth is rapid and flowers come early, blooms till frost.

Pkt., 10c; $\frac{1}{4}$ oz., 35c; oz., \$1.00

1722 Giant Imperial Mixed

These large size flowers measure 3 to 4 inches across. The colors are deep, rich velvety shades; others daintiest blue and purple; snow-white to silvery-gray, new terra cotta and coffee color shades. Some flowers are striped and spotted. They are simply magnificent.

Pkt., 10c; $\frac{1}{4}$ oz., 15c; oz., 35c

1718 Heavenly Blue

Improved Clarke's Blue. Early flowering. Charming and distinct. Flowers are extra large in size, a lovely light blue.

Pkt., 15c; $\frac{1}{4}$ oz., 30c; oz., \$1.00

1719 Pearly Gates

Identical in growth and bloom, except white in color, with Heavenly Blue. A large, satiny white flower gives this a gorgeous appearance.

Pkt., 15c; $\frac{1}{4}$ oz., 60c; oz., \$1.75

1720 Scarlett O'Hara

Deep wine-red flowers which are 4 inches across and start making appearance while the plants are still small. Not as rapid a climber in the North as Heavenly Blue.

Pkt., 15c; $\frac{1}{4}$ oz., 60c; oz., \$1.75

MYOSOTIS (See Forget-Me-Not, page 41)

Nasturtiums

These wonderful double and semi-double Nasturtiums are very free flowering on vigorous plants. The flowers are larger, bright colors, mostly with delicious fragrance of Golden Gleam.

1899 Double Golden Gleam

Bright golden yellow.

Pkt., 10c; oz., 25c

1903 Glorious Gleam Hybrids

Mixture unusual colors.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00

Nasturtiums - Double Dwarf

1875 Double Gem Mixture

A very compact plant with masses of flowers in almost every color found in Nasturtiums, set above foliage. Makes an excellent border.

Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c

Nasturtiums - Single

1880 Holmes' Dwarf Mixture

All the leading named dwarf sorts.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 55c

1893 Holmes' Tall Mixture

Best varieties of rich shades.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 55c



Nasturtium, Glorious Gleam Hybrids

Nicotiana

Flowering Tobacco. Is becoming one of the most satisfactory annual flowers. Blooms throughout a long season, during periods of dry weather. Dry locations where all other flowers fail; Nicotiana flowers are beautiful. The new shades are very attractive. They are good to plant with other flowers. Annual. Height 3 feet.

1905 Affinis

Sweet scented; pure white.

Pkt., 10c; $\frac{1}{4}$ oz., 35c

1906 Hybrid Mixed

Shades of pink, white and deep red.

Pkt., 10c; $\frac{1}{4}$ oz., 40c

1907 Crimson Bedder

One of the finest red flowers of recent introduction. Plants only 15 inches high are covered with bloom throughout the summer and fall. You must grow this to know how beautiful it is.

Pkt., 15c; $\frac{1}{4}$ oz., 75c

Nierembergia - Cup Flower

1909 Purple Robe

If you want a change from borders of Alyssum this new edging plant is the answer. All-America Award. A fine violet-blue color, several shades deeper than "Hippomanica." "Purple Robe" is a low, compact plant, with a spread of 8 inches. It blooms in about 15 weeks after sowing and remains in flower until frost kills it down. A grand edging plant for the sunny border. 6 inches.

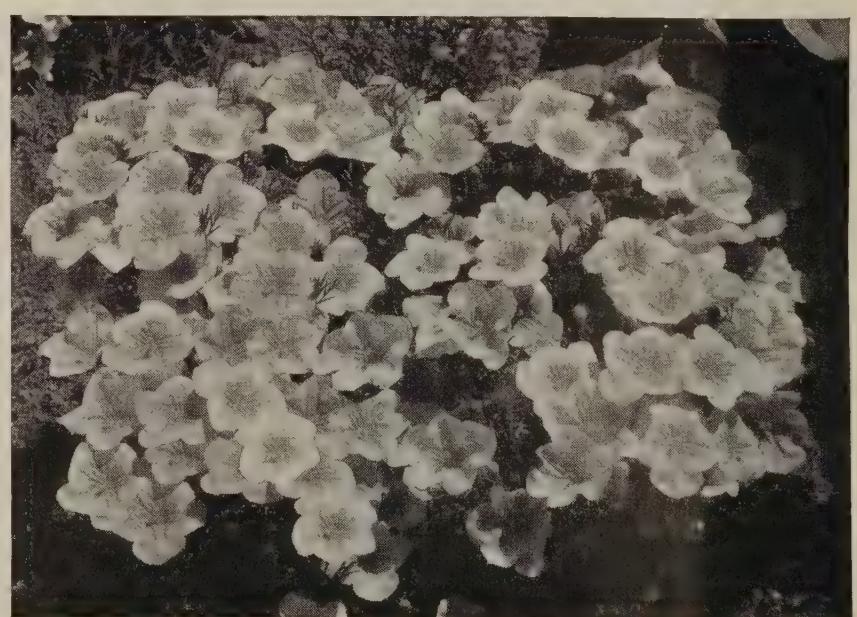
Pkt., 25c

Nigella - Love-in-a-Mist

1910 Miss Jekyll Dark Blue

Fine, old-fashioned garden annual with curious double, rich blue flowers, nestled in feathery bright green foliage. The flowers last well when cut and are most attractive in mixed bouquets. Height 18 inches.

Pkt., 10c



Nierembergia, Hippomanica



Morning Glory, Heavenly Blue



Holmes' Glorious Giant Pansy
Outstanding for Coloring

Petunias

For bedding, porch or window boxes, few flowers equal the Petunia in effectiveness. They are of easiest cultivation and probably give greater returns for the care they require than any other plant. All they ask is a good soil and a sunny position, and they will make a gorgeous display until killed by frost. Annual.

Double Giant Ruffled

1950 All-Double Glorious Dwarf Mixed (Pan-American Strain) Pkt., 125 seeds, 90c

This new strain is produced by a skilled Petunia breeder. A special strain of double flowers in bright rich colors which are large, and ruffled. The weaker seedlings should be carefully saved as these usually produce the finest double flowers.

1953 All-Double Colossal Shades of Rose Pkt., 125 seeds, 90c

An outstanding all-double Petunia. The plants make a vigorous, compact growth. Flowers average 4 inches across and are in beautiful ruffled shades of pink, ranging from salmon through rose-pink to deep rosy mauve.

Giant Ruffled Fringed Petunias

1960 Holmes' Superfine Ruffled Mixed Pkt., 25c

The most gorgeous strain in Dwarf Ruffled Petunias. Over a period of years, they have proved to be a superior strain. They have immense flowers. It includes the showy blotched sorts and odd colors. They are heavily veined with long deep throats, and are deeply ruffled.

1962 Dwarf Giants of California Mixed (Ramona Strain) Pkt., 25c

The flowers are large, with wide-open, well veined throats, and the edges of the flower beautifully waved and fringed; of many colors.



Petunia, Holmes' Superfine Ruffled

Giant Pansies

One of the most popular flowers grown, thriving best in a cool, moist, but well drained soil. Sow seeds in April and May for summer flowering; and in August for early flowers the following spring. Hardy annual.

1920 Holmes' Glorious Giant Mixture Pkt., 25c; $\frac{1}{8}$ oz., \$2.25

This is our best strain. Enormous flowers of finest form and good substance are especially well marked; many of them being nicely ruffled and curled. The almost endless color range is truly remarkable, while, for the length of stem and sturdiness, there is no better type. Try a packet or two and grow your own giant Pansies.

1921 Super Swiss Giant Mixture Pkt., 25c; $\frac{1}{8}$ oz., \$2.25

The flowers are enormous in size, perfectly round, stalks are robust and strong. The thick petals are of a rich velvety texture. They bloom early in the spring, continuing to flower all summer until fall.

1932 Maple Leaf Giant Mixture Pkt., 40c; $\frac{1}{8}$ oz., \$2.50

These flowers of unbelievable size and texture, are larger than in any other strain; the plants are also of compact growth, and the extra large foliage is a rich dark green.

1928 Masterpiece Giant Frilled Mixture Pkt., 20c

Petals are ruffled, giving the appearance of double flowers of many colors.

I planted some of your Petunia, All Double Mixed, Tetraploid Snaps and Superfine Ruffled Petunia and had very good germination. Thought you would like to know.

William Ruehr
R. F. D. No. 4
Ravenna, Ohio



All-Double Glorious Dwarf



Petunia, Radiance

Dwarf Single Bedding Petunias

Most popular and valuable for bedding and edging; dwarf and free flowering. Height 1 foot.

1966 Fire Chief Pkt., 50c

All-America Sweepstakes Winner. One of the outstanding introductions of recent years. Brilliant red color. Habit is dwarf, very free bloomer. This should be a "must" in your garden planning for 1950.

1958 Silver Medal Pkt., 50c

All-America Winner, 1949. A gorgeous, rich salmon colored variety. Its compact, rounded plants are practically covered with plain-petaled flowers of medium large size. Silver Medal is early, vigorous and prolific in blooming.

Dwarf Single Bedding Petunias—Continued



Petunia, Purple King

1955 Radiance

All-America Winner. It is a brilliant red and a wonderful bloomer.

1949 White King

Showy, clear, snow-white flowers.

1948 Exquisite Mixed, All Colors

Balcony (Trailing) Petunias

A splendid large and free-flowering type for window boxes, vases, hanging baskets, rock gardens, and for formal bedding. The flower averages 3 inches across.

1975 Mixed Colors

Large flowers freely produced. Excellent for bedding.

Phlox Drummondii Gigantea

If you want "flocks" of summer colors, then by all means grow annual Phlox, for it is one of the most enduring and colorful of all annuals. Try a bed of these for a change. The results will be most gratifying. Blooms in a few weeks after sowing and continues until killed by freezing. Prefers a light rich loam and a sunny location. Height 12 inches.

1997 Art Shades

A new strain of Phlox Drummondii, flowers $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. The soft colors blended together make a beautiful mixture never before seen in annual Phlox. Height 9 inches.

2002 Red Glory

The brightest color in Phlox. A brilliant red with a large, creamy white eye. Remarkable bloomer.

1990 Mixed

All colors.

1998 Starred and Fringed Mixed Colors

Quaint and unusual flower formation.

1999 Dwarf Mixed

Dwarf, compact growth. Rich and showy. Excellent for beds and edging. Height 6 inches.

PINKS (See Dianthus)

Poppies - Shirley

2025 Holmes' Eldorado Giant Double Mixed

They should be in every garden. Easily grown and produce a wealth of gorgeous blooms. Sow early in the spring. Annual. Height 2 feet. A wonderfully fine strain. Many of the flowers are ruffled and semi-double and come in all shades of rose, scarlet, salmon and pink. 2 feet.



Poppy, Shirley



Phlox, Art Shades

1964 Bright Eyes

All-America Winner. Soft, light rose-pink flowers with white throat completely cover the dwarf, compact plants. Height 7 to 9 inches.

1989 Celestial Rose, Improved

Sparkling, rich satiny rose. Compact in growth. Very popular with gardeners.

1977 Dwarf Elk's Pride

The type is a true dwarf. In color it is a rich violet-blue. The plants bear immense flowers all season long.

1981 Heavenly Blue Improved

Beautiful light silvery blue. An old favorite that is hard to beat.

1973 King Henry (Dwarf Flaming Velvet)

Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf, compact habit.

1965 Peach Red

All-America Winner. The beautiful deep salmon with light reddish tint flowers average $2\frac{1}{4}$ inches across. Compact plants. Height 12 to 15 inches.

1983 Topaz Queen

Is deeper and more attractive than Celestial Rose. Prefer it to the variety Glow, that it resembles; a deeper shade of rose.

1982 Rosy Morn

Deep rose with white throat. Makes a beautiful border.

1985 Purple King

A very fine deep violet of velvety appearance.

1984 Snow Queen

Excellent pure white. Plants always loaded with flowers.

1986 Finest Mixed Colors

Pkt., 10c; $\frac{1}{8}$ oz., 65c; $\frac{1}{4}$ oz., \$1.10.

Pkt., 25c

Pkt., 10c

Pkt., 15c; 1/64 oz., \$1.35

Pkt., 15c

Pkt., 15c

Pkt., 25c

Pkt., 10c; $\frac{1}{8}$ oz., 50c

Pkt., 10c; $\frac{1}{8}$ oz., 50c

Pkt., 10c; $\frac{1}{8}$ oz., 35c

Pkt., 10c; $\frac{1}{8}$ oz., 65c; $\frac{1}{4}$ oz., \$1.10.

Tall Single Bedding Petunias

These are of stronger colors and will hold up when summers are hot and prolonged. The flowering is somewhat larger. Height $1\frac{1}{2}$ feet.

1947 Flaming Velvet

Pkt., 15c

Rich velvety crimson. Best of its color in this class.

Pkt., 15c; 1/16 oz., 60c

Pkt., 15c

Pkt., 10c; $\frac{1}{8}$ oz., 50c

Pkt., 15c; 1/16 oz., 60c

Phlox Drummondii Gigantea

If you want "flocks" of summer colors, then by all means grow annual Phlox, for it is one of the most enduring and colorful of all annuals. Try a bed of these for a change. The results will be most gratifying. Blooms in a few weeks after sowing and continues until killed by freezing. Prefers a light rich loam and a sunny location. Height 12 inches.

1997 Art Shades

A new strain of Phlox Drummondii, flowers $1\frac{1}{4}$ to $1\frac{1}{2}$ inches in diameter. The soft colors blended together make a beautiful mixture never before seen in annual Phlox. Height 9 inches.

2002 Red Glory

The brightest color in Phlox. A brilliant red with a large, creamy white eye. Remarkable bloomer.

1990 Mixed

All colors.

1998 Starred and Fringed Mixed Colors

Quaint and unusual flower formation.

1999 Dwarf Mixed

Dwarf, compact growth. Rich and showy. Excellent for beds and edging. Height 6 inches.

Pkt., 15c; $\frac{1}{8}$ oz., 80c

Pkt., 25c

Pkt., 10c; $\frac{1}{8}$ oz., 55c; $\frac{1}{4}$ oz., \$1.00

Pkt., 20c; $\frac{1}{8}$ oz., 60c; $\frac{1}{4}$ oz., \$1.10

Pkt., 15c; $\frac{1}{8}$ oz., 65c

PINKS (See Dianthus)

Poppies - Shirley

2025 Holmes' Eldorado Giant Double Mixed

Pkt., 10c; $\frac{1}{4}$ oz., 30c; oz., 90c

They should be in every garden. Easily grown and produce a wealth of gorgeous blooms. Sow early in the spring. Annual. Height 2 feet. A wonderfully fine strain. Many of the flowers are ruffled and semi-double and come in all shades of rose, scarlet, salmon and pink. 2 feet.

Portulaca - Moss Rose

A beautiful low growing flower, thriving in almost any location, even a dry, sunny place. Suitable for borders, edging or rockery. Can withstand the hottest weather. Blooms early until killed by frost. Annual. Height 6 inches.

2105 Single Mixed

All colors.

Pkt., 10c; $\frac{1}{8}$ oz., 50c; $\frac{1}{4}$ oz., 90c; oz., \$3.00

2017 Double Large Flowering Mixed

Of the most brilliant colors.

RICINUS (See Castor Oil Bean)

Rock Garden (Annual) Mixture

2100 Holmes' Superfine Mixed

Splendid blend of twenty-five varieties suitable for rock gardens. Height 6 inches.

Pkt., 10c; $\frac{1}{4}$ oz., 50c

Salpiglossis - Painted Tongue

2110 Large-Flowered Emperor Mixed

The large, tubular flowers are veined to orchidlike colorings and are of a velvety texture. We believe there is no other annual flower so graceful or so unusual in appearance as the Salpiglossis. And they are not hard to grow. They make a glorious show in a bed or the border, or even as a pot plant in the conservatory. Height 2 feet.

Pkt., 10c; $\frac{1}{8}$ oz., 25c



Salpiglossis



Scabiosa, Giant Imperial Mixed

Salvia - Scarlet Sage

Note: Sow late in February. A larger percentage of Salvia seed will germinate if sown after February 1st.

One of the most handsome summer and autumn flowering plants, growing into compact bushes literally ablaze with brilliant scarlet flowers, from early summer till killed by frost. Annual.

2116 St. John's Fire

Pkt., 25c
Blooms very early but remains in perfect condition until frost. Grows only 10 inches tall when in full bloom in August. The bright scarlet spikes stand densely and rigidly upright on the uniform and compact plants.

2115 America or Globe of Fire

Pkt., 25c
This is one of the freest and most continuous blooming of all Scarlet Sages, and the most uniform in habit of growth, making it especially valuable for bedding or planting in lines. Height 18 inches.

2117 Bonfire

Pkt., 10c;
 $\frac{1}{8}$ oz., 90c

A splendid dwarf variety, with large, erect spikes of rich scarlet flowers. Height 2 feet.

2120 Splendens

Pkt., 10c;
 $\frac{1}{8}$ oz., 70c

Bright scarlet. Height 3 feet.



Salvia, St. John's Fire
Earliest of All

Scabiosa - Mourning Bride

The rich and beautifully colored flowers are very handsome and excellent for cutting; profuse bloomer from June to October. Easy to grow from seed sown outdoors in the spring. Height 3 feet.

2130 Giant Imperial Mixed

Rare colors.

Pkt., 10c; $\frac{1}{4}$ oz., 45c

2125 Blue Moon

All-America Winner. Flowers are large, double, deep lavender-blue, produced on long stems; ideal for cutting. Blossoms are composed of broad, heavy, waxy petals, built up in a beehive shape.

Pkt., 15c

Scarlet Runner Bean

1274 Emperor

Has attractive, Pealike flowers of a brilliant scarlet that are followed by an abundant crop of Beans that can be eaten. Annual. Climber. Height 10 ft.

Schizanthus - Butterfly Flower

2145 Dr. Badger's Hybrids

Pkt., 25c; $\frac{1}{4}$ oz., \$1.00

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The flowers are such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming blooms. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn. Height 1½ feet.

Snapdragon - Antirrhinum Holmes' Rust-Resistant Super Giants

This is the most superb creation in Giant Snapdragons. The plants are very robust and form flower spikes of remarkable size and of the loveliest and softest tones. For cutting, these Snapdragons are unsurpassed. The long, graceful spikes will lend distinction to any setting. Blooms from July to frost. Annual. Height 3 feet.

1115 Alaska

Best clear white.

1111 Canary Bird

Rich canary-yellow.

1100 Rosalie

Rich deep rose with underlying tone of amber.

1118 Holmes' Super Giant-Flowered Mixed

1120 Velvet Giant

This All-America Winner is a welcome addition to the colors available in the Colossals. The very large, well formed florets are a vivid crimson with gold overtones and closely spaced on tall, sturdy spikes. Foliage is a rich dark green.

1123 Giant Ruffled Tetraploid

Florets are 2 to 2½ inches long and 1¾ to 2 inches wide, closely set on husky stems. The flower spikes are about 9 inches long and full length of the stem is 24 to 30 inches. Largest flowered type of Snapdragons on the market. We believe Tetra is the most satisfactory blend of Snapdragons for garden use that is available.

1117 Scarlet

Brilliant shade.

1110 Pinkie

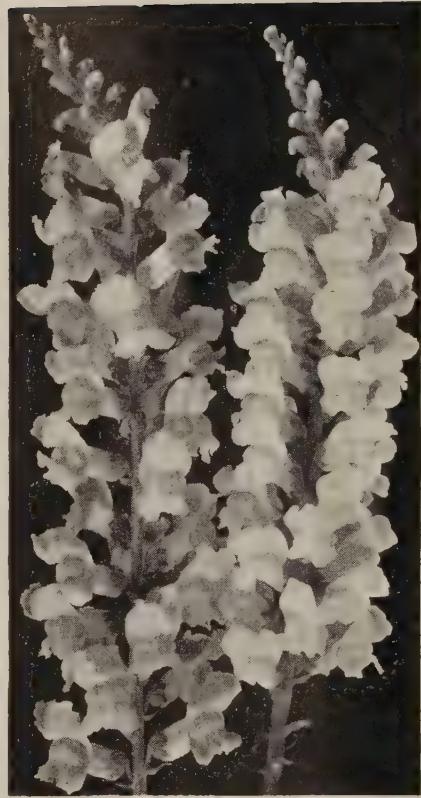
Clear rose-pink.

1114 Red Cross

Deep rich crimson.

The above, each: Pkt., 15c; $\frac{1}{8}$ oz., 70c

Pkt., 25c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75



Holmes' Super Giant Snapdragons



Holmes' Everblooming Ten Week Stocks

Snapdragon - Half Tall

Rust-proof. Height about 20 inches. Best for bedding.

1130 Giant Mixed Colors

Pkt., 15c; $\frac{1}{4}$ oz., 65c

Snow-on-the-Mountain - Euphorbia

1616 Variegata

Attractive foliage. Is grown primarily for its green and white foliage which combines beautifully with bright colored flowers in the garden or in bouquets. Self-sows readily. Height 2 feet.

Statice - Sea Lavender

2146 Mixed Colors

A mixture of white, rose, yellow and blue. Excellent cut flower. When dried they are very useful for winter bouquets. Height 2½ feet.



Stocks - Gilliflower

2170 Giant Double Imperial Mixed

Pkt., 15c; $\frac{1}{8}$ oz., 50c

Earlier than others, not inclined to branch so freely, better for close planting. Considered the most valuable group of Stocks for cut flowers. Bloom from July to frost. Annual. Height 20 inches.

2173 Holmes' Everblooming Mixed

Pkt., 15c; $\frac{1}{8}$ oz., 50c

These ten-week Stocks will flower all summer from seed sown outdoors about May 10th. The plants are of branching habit, with a large percentage of large, double flowers. Do not sow Stocks in very rich soil, and they need the full sunlight. Height 15 inches.

Strawflower - Helichrysum

1679 Double Large-Flowered Mixed

Pkt., 10c; $\frac{1}{8}$ oz., 25c

This is the most valuable of the everlasting. Apart from their usefulness for winter decoration they also make rare border or bedding subjects. Height 2 feet.

SUMMER CYPRESS (See Kochia)

Sunflower - Helianthus

The larger varieties are very ornamental and useful for backgrounds or for distant effects, while the smaller sorts are for cutting. Annual.

2195 Miniature Mixed (Cucumerifolius)

Pkt., 10c

Charming small flowers, rich colors of art shades of red, purple, brown and yellow. Ideal for cutting and garden display. Height 5 feet.

2201 Sun Gold (New)

Pkt., 10c; $\frac{1}{4}$ oz., 30c

Brilliant golden yellow, large 100% double flowers. Height 5 feet.

The Newest Sweet Peas

Cuthbertson's Heat-Resistant Strain

Very early, bred to endure high temperature. A variety of this strain continues to grow and produce flowers long after high summer heat has caused other strains to fail. We recommend this variety.



Holmes' Rainbow
Spencer Sweet Peas

Thunbergia - Black-Eyed Susan

2230 Mixed

Pkt., 15c; 1/4 oz., 50c

A lovely trailing vine with showy flowers of shades of orange, yellow and white. Suitable for hanging baskets, porch boxes; very effective, especially in rockeries. Low trailer.

Verbenas - Giant Flowered

A magnificent new strain of robust, compact habit and very free blooming. The trusses are immense and the individual flowers exceptionally large. If seed is sown indoors in early March, they will start to bloom in June, and continue until checked by the frost. Height 18 inches.

2250 Salmon-Pink

Pkt., 15c

A rich uniform shade.

2249 Giant Red

Intensely brilliant red.

Pkt., 15c

2247 Snowstorm

The largest and best pure white.

Pkt., 15c

2253 Giant-Flowered Mixture

Pkt., 15c; 1/8 oz., 45c

The showy flowers are borne in large clusters and continue in succession through a long season, until frost. As a bedding plant they are of particular value, while for cutting or table decoration they are not to be overlooked. Height 12 inches.

Vinca Rosea - Periwinkle

2265 Mixed

Pkt., 15c; 1/4 oz., 85c

Sow seed after the last frost in the open ground, and thin to 1 foot apart or sow inside and transplant after all danger of frost is over.

Viola - Tufted Pansy

These are excellent for rockeries. Flowers are not as large as the regular type of Pansy, bloom more profusely and withstand hot, dry weather. Can be treated as a hardy perennial. Height 8 inches.

2275 Finest Mixed

Pkt., 15c; 1/8 oz., \$1.00

2286 Chantreyland (Apricot)

Pkt., 25c; 1/8 oz., \$1.10



Vinca—Periwinkle



Viola—Tufted Pansy

Holmes' Giant Ruffled Sweet Peas

2460 Mixed

Pkt., 10c; oz., 25c; 1/4 lb., 60c

2435 Carol

Clear pink.

2436 Coline

Scarlet.

2437 Frank G

Lavender.

2438 Janet

White.

2439 Lois

Rose-pink.

2440 Tommy

Blue.

2441 Mixed

Colorful, well balanced blend.

The above, each: Pkt., 15c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.20.

Holmes' Rainbow Spencer Sweet Peas

2465 Mixed

Pkt., 15c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50

Most beautiful of all. This outstanding mixture contains all the named, marvelous Giant Ruffled varieties. Sure to make a glorious display and yield quantities of long-stemmed, extra large, prettily ruffled and frilled flowers for cutting.

SWEET SULTAN

(See page 38)

SWEET WIVELSFIELD

(See Dianthus)



Giant Verbena, Mixed

Giant Flowered Zinnias

These are the latest development in Zinnias bearing **mammoth flowers** which present a graceful appearance. Carefully selected to give you all **giant** flowers of the most gorgeous colors with no duplicates.

Easiest to grow of all flowers. They can be sown in rows, in beds, along hedges, or among the perennials or bulbs. Just sow the seeds where they get the full sunlight. Don't sow outdoors until May. All Giant Zinnias should be at least 1 foot apart each way. All other varieties about 8 inches apart. Annual.

2352 Crimson Monarch

Large-flowered, deep crimson-red.

2356 Exquisite

Rose-pink; fine cut flower.

2350 Golden Dawn

Clear golden yellow. Fine flowered.

2316 Miss Willmott

Bright salmony pink.

2319 Orange King

A giant deep orange-scarlet.

2358 Oriole

A rich orange and gold.

2317 Purity

The best large-flowered white.

2353 Royal Purple

A deep rich velvety purple. A brand new shade.

2359 Will Rogers

A deep scarlet color. Fine variety.

The above, each: Pkt., 15c; 1/4 oz., 55c; oz., \$1.50



Giant Flowered Zinnia,
Will Rogers

2365 Giant Dahlia-Flowered Gold Medal Mixture

Pkt., 15c; 1/4 oz., 50c; oz., \$1.50

This is an extraordinary mixture from all named varieties of the Giant Dahlia-Flowered Zinnias.

2396 All Giant Indian Summer Mixture

Large flowers of improved strains. A super cut flower blended with bright colors.

2320 California Giant Mixture

Pkt., 15c; 1/4 oz., 50c; oz., \$1.50

They are larger than the Colossal. The petals are decidedly imbricated and the flower from bud to full bloom presents a graceful appearance. They bear freely on long, strong stems. Semi-globular, very double flowers.

2381 Fantasy Mixed

Pkt., 10c; 1/4 oz., 50c

The ragged, shaggy petals of unique colors are fascinating. Grow 2 feet tall with good stem for cutting. Becoming very popular.

2398 Cut-and-Come-Again Mixture

Pkt., 10c; 1/4 oz., 50c

You will like this mixture. They grow about 2 feet tall and it does seem as if the more flowers you pick the more there are left. They are unusual and attractive.

2395 Scabiosa-Flowered Autumn Tints Mixed

Pkt., 15c; 1/4 oz., 60c

Resembling annual Scabiosa or Harmony Marigold, our strain has long stems, is excellent cut flower. The lovely colors range through all the gorgeous autumn foliage tints.



Lilliput Double Zinnias



Fantasy Zinnia

2390 Mexicana Double Hybrids, Haageana

Pkt., 10c; 1/4 oz., 60c

Flowers small and showy, Daisylike in form, in various shades of brown and orange. Ideal bedding plant. Height 16 inches.

2386 Red Riding Hood

Pkt., 10c; 1/4 oz., 50c; oz., \$1.50

Compact form covering the entire season with double scarlet flowers, not over an inch across. As a border plant, it is highly effective. Height 1 foot.

2385 Super Crown of Gold

Pkt., 15c; 1/4 oz., 60c; oz., \$1.75

A mixture of pastel tints, containing many colors. All of the flowers carry a deep golden yellow base of the Crown of Gold type and the individual coloring midway between Dahlia-Flowered and California Giants as to type.

2387 Cupid or Tom Thumb

Pkt., 15c; 1/8 oz., 50c

Includes many varieties. All delightfully charming in the garden and of just the size to make attractive table arrangements. Many of your friends will never recognize them as Zinnias.

2124 Creeping Zinnia (Sanvitalia Procumbens)

Pkt., 10c; 1/8 oz., 25c

Like tiny Zinnias. Golden with purple centers. Single and double. The plants creep over the soil. June until frost. Height 6 inches.

Pompon or Baby Zinnias

A very pretty type of compact habit, bearing freely small, densely double flowers; keep well above the foliage. Makes a good line or bed and very satisfactory for cutting. Annual. Height 15 inches.

2370 Holmes' Mixture

An unusually good mixture of all colors.

2374 Scarlet Gem

The above, each: Pkt., 10c; 1/4 oz., 50c; oz., \$1.50



Seed of Holmes' Hardy PERENNIAL FLOWERS

Alyssum - Basket of Gold

1084 Saxatile Compactum

Dense heads of brilliant golden yellow flowers. Blooms early in spring. An excellent plant for the rockery or front of borders. Height 12 inches.

Pkt., 15c; $\frac{1}{4}$ oz., 50c

1094 Italica Lissadel

Flowers of rich blue. Invaluable for hardy borders and beds. Bloom from June to August. Height 5 feet.

Pkt., 10c; $\frac{1}{4}$ oz., 45c

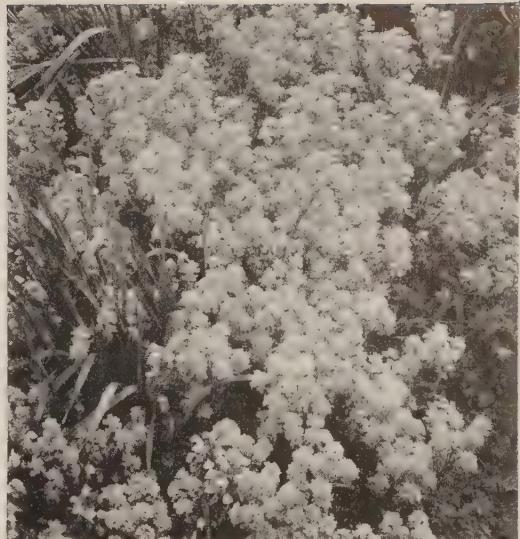
AQUILEGIA (See Columbine)

Asters - Hardy Alpinus

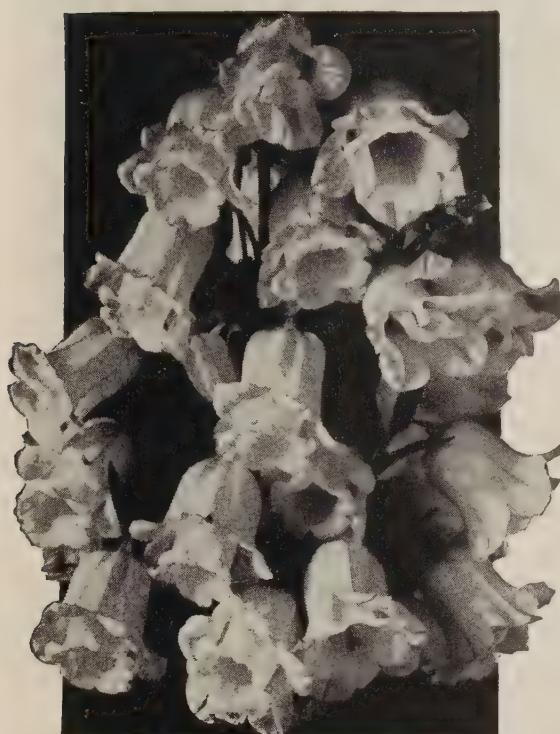
1268 Hardy Large-Flowered Mixture

Excellent for the rockery or edge of hardy borders; bears large, showy flowers in May and June. Plant in full sun. Height 10 inches.

Pkt., 25c



Alyssum—Basket of Gold



Canterbury Bells, Cup-and-Saucer

Canterbury Bells - Campanula

1320 Calycanthema Mixed (Cup and Saucer)

There is hardly a group of flowers which possesses such rare beauty. Tall, erect growing, completely covered with large, cup-and-saucer-shaped flowers of white, pink and purple, during late May and June. Plant in full sun. Height 2½ feet.

Frank A. Denes
367 North Abbe Road
Elyria, Ohio

Pkt., 15c; $\frac{1}{8}$ oz., 40c

Pkt., 15c; $\frac{1}{8}$ oz., 35c

Carnation - Grenadin

1357 Cardinal-Red

Pkt., 20c

Fine, old-fashioned garden plant bearing exquisite double red flowers; is early, most fragrant plant in your garden. Grows easily from seed. Carnations are the most useful and popular flowers. Bloom during June and July. Height 20 inches.

1358 Mixed Shades of Exquisite Colors

Pkt., 20c; $\frac{1}{4}$ oz., \$1.25



Cheiranthus
Wallflower

Cheiranthus Allioni - Siberian Wallflower

1412 Golden Bedder

Pkt., 10c; $\frac{1}{8}$ oz., 25c

A beautiful rock plant as well as a border plant. Dazzling golden yellow flowers, flowering freely through the summer from seed sown in spring. Height 18 inches.



Columbine, Holmes' Majestic Hybrids

Chrysanthemum

1410 Korean Hybrids

Gorgeous, single and semi-double flowers in a wide range of colors. Flowers measure 2½ to 4 inches across. Begin blooming in September and continue until killed by hard frost. Will flower the first year if sown early. Height 2½ to 3 feet.

Pkt., 25c

Columbine - Aquilegia

They are not difficult to grow from seed if you just remember that they take about three weeks to germinate and do not stop watering at the end of two weeks. You will find there are a great many different colors. Charming for table decoration. Prefer partial shade. Blooms in June. Height 3 feet.

1134 Mrs. Scott Elliott's Strain Mixed

Pkt., 25c

The blooms are large, with long spurs and wide range of colors.

1135 Holmes' Majestic Spurred Hybrids

Pkt., 15c

Truly these are fairy flowers of spring. Our Holmes' Majestic Spurred Hybrids are noted for their magnificent range of colors and for length of spur. The Columbine is a hardy perennial.

1131 Crimson Star

Pkt., 25c

Flowers are very large with crimson spurs and white petals; new color in Aquilegias, free flowering.



Bellis Perennis

Coreopsis - Tickseed

1456 Double Sunburst (New Gold)

Pkt., 10c; ¼ oz., 30c

Popular and attractive, semi-double, long-stemmed, golden yellow. Excellent cut flowers on account of their long, wiry stems; showy in borders. Blooms through the summer. Easy to grow from seed, in any soil. Height 3 feet.

English Daisy - Bellis Perennis

Double Daisies are among the most valuable plants for spring gardening. Beds of these flowers give very pretty effect. Sow seed in June to give strong plants for transplanting in October, abundance of flowers will be produced in the early spring, lasting into the summer.

1279 Double Mixed Colors

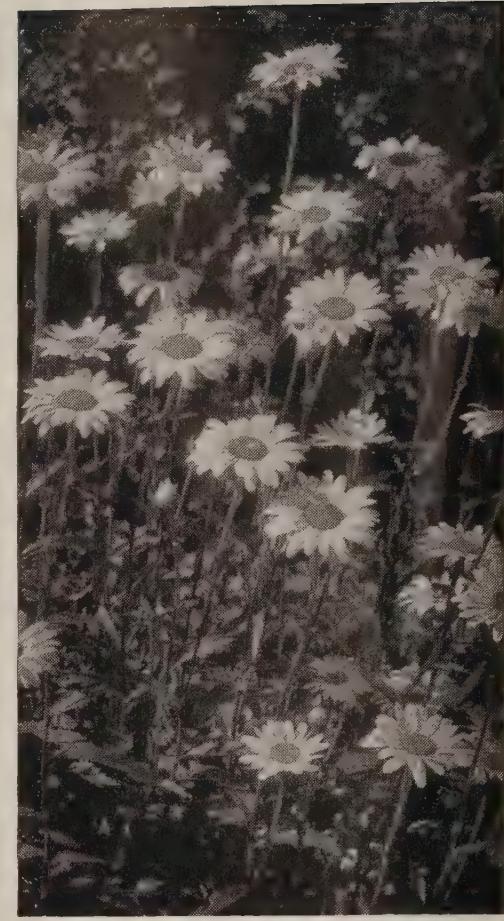
Pkt., 15c

Daisy, Shasta

1420 Alaska

Pkt., 10c; ¼ oz., 65c

Handsome plant, bearing large, white, single blossoms with yellow center. Soak seed in warm water before sowing. Blooms in June and July. Height 2½ feet.



Shasta Daisy

1422 Giant Double Fringed White

Pkt., 25c

Flowers are somewhat variable. Many unusually fine specimens of double fringed, curled and quilled petals. Flowers large and carried on long stems. Height 2½ feet.

Delphinium - Larkspur

Sow from January to September in flats. Use light, sandy soil, cover seed very slightly. Keep moist and shaded until germination starts. Gradually give more light and fresh air. Later transplant into flats and when large enough harden off in full sun before planting out. Rich soil, good drainage and sunny location are essential.

1507 Holmes' Majestic Hybrids

Pkt., 35c

These are truly a charm of all the plants growing in your garden. It is only a few years since this strain of hybrids was introduced to the gardening world, and already it has been acclaimed not only by enthusiastic amateurs, but also by experts as the most prominent strain. Holmes' Majestic Hybrids produce large flowers in all shades. This is a true show strain of many colors.

1501 Belladonna Improved

Pkt., 20c

Clear light sky-blue. A fine English improvement, many more flowers to each spike. A great favorite for cutting. 3 to 4 feet.

1508 Wrexham Hollyhock Mixed

Pkt., 35c

This English strain is one of the finest developments in Delphiniums. The flowers are large, produced on solid, erect spikes of great height. Colors of blue, pink and white. Elegant for cutting.

1511 Pacific Giant Pure White (Galahad Series)

Pkt., 35c

Clear glistening white, with florets 2 to 2½ inches. Flowers are semi to full double. Hardy grower but not as rugged as the various shades of blue. Excellent for cutting.

1512 Pacific Giant Pink-Lavender (Guinevere Series)

Pkt., 35c

Clear pink-lavender, white bee. Individual florets 2½ to 3 inches. Excellent for cut flowers. Mildew resistant.

1513 Pacific Giant True Blue (Blue Bird Series)

Pkt., 35c

True blue shades with florets 2 to 2½ inches. Long, graceful spikes. Mildew resistant.

1510 Pacific Giant Finest Mixed

Pkt., 35c; ¼ oz., \$2.25

The most talked of strain of Delphinium today, and considered by many to be the finest of the world. The individual florets are well placed on giant pyramidal spikes.



Delphinium, Holmes' Majestic Hybrids



Dianthus, Double Mixed



Gypsophila



Honesty or Money Plant

Dianthus - Hardy Garden Pinks

1550 Plumarius Double Mixed

(Old-Fashioned Clove Pinks.) A beautiful mixture, including hybrids of all possible shades. Noted for their fragrance and long bloom. Height 1 foot.

Pkt., 15c; $\frac{1}{8}$ oz., 45c

1556 Allwoodi Alpinus

Flowers first year from seed. The largest flowered strain of the dwarf Pinks. Blooms all summer in many colors. A gem for the rock garden. 4 to 6 inches.

Pkt., 25c

FORGET-ME-NOT (See page 41)

Foxglove - Digitalis

1570 Holmes' Giant Shirley Mixed

The flower heads are crowded with big, bell-shaped blossoms. Colors range from shell-pink and white to deepest rose, many dotted crimson, over 3 feet tall. Blooms during June and July.

Pkt., 15c; $\frac{1}{8}$ oz., 50c

Gaillardia - Blanket Flower

1630 Burgundy

Large, wine-red flowers on long, stiff stems on bushy plants. 2 feet.

Pkt., 20c

1626 Dazzler

This showy perennial deserves a place in all gardens. It will give you many brilliant flowers all summer. The flowers are large, of clear bright golden yellow with rich maroon-red center. 2 feet.

Pkt., 15c

Geum - The Rose of the Rockery

Beautiful, hardy; bearing profusely, large, showy, double flowers all through the summer; fine for bouquets. Blooms from June to September. Perennial. 2 feet.

1638 Mrs. Bradshaw

Large, double flowers of a fiery orange-red, blooming nearly all summer. Splendid cut flower. 2 feet.

Pkt., 15c; $\frac{1}{8}$ oz., 60c

Gypsophila - Hardy Baby's Breath

1662 Paniculata Single

Pkt., 10c; $\frac{1}{4}$ oz., 30c

Has masses of tiny white flowers on bushy plants in July and August. Effective for bouquets or borders. 2 feet.

1663 Paniculata Double

Pkt., 25c; $\frac{1}{8}$ oz., 75c

This double white rosettelike flower is dried for florist use in winter bouquets. 2 feet.

Heuchera - Coralbells

1687 Sanguinea Hybrids Mixed

Pkt., 25c

Flowers bright crimson, blooms in June to September, very free flowering, nice for cutting. Excellent for border and rockery. They do well in sun or partial shade. Height 12 to 18 inches.



Gaillardia, Dazzler

Hibiscus - Rose Mallow

1690 Giant Flowering Finest Mixed

Pkt., 25c

Flowers are exquisite form—large, single, 3 to 5 inches and vary from blush through pink, rose and vivid red. Bloom until October. Height 3 to 4 feet.

Hollyhocks - Althea Rosea

1699 Giant Double Mixed

Pkt., 15c; $\frac{1}{4}$ oz., 75c

One of the showiest hardy garden plants. Their stately beauty adds dignity to the garden plot. Blooms July and August. Height 6 to 8 feet.

NEW ANNUAL HOLLYHOCK
(See page 42)



Heuchera

Honesty - Lunaria

1705 Money Plant

Pkt., 15c; $\frac{1}{4}$ oz., 50c

Flowers purple followed by flat, silvery seed pods, prized for winter decoration. Pretty and different from anything else. Biennial. Height 2 feet.

IBERIS (See Candytuft)

Lavandula Vera

1767 Sweet Lavender

Pkt., 15c

This is the true Sweet Lavender, fragrant lavender-blue flowers in July and August. Flowers are highly valued for drying, which can be used in bureau drawers. Height 12 inches.



Matricaria



Lathyrus—Hardy Sweet Pea



Oriental Hybrid Poppies

Lathyrus Latifolius - Hardy Sweet Pea

1745 Finest Mixed

Pkt., 10c; $\frac{1}{4}$ oz., 45c
Trailing plants suitable for growing on trellises, arches, pergolas, or trailing over rough banks. Flowers are borne in large clusters. Blooms all summer. Height 6 feet.

Linum - Flax

1774 Perenne

Pkt., 10c; $\frac{1}{4}$ oz., 35c
Forms a spreading clump of attractive foliage with azure-blue flowers from May to September. 18 inches tall.

LUNARIA (See Honesty)

Lupinus - Hardy Lupine

A showy hardy perennial. Graceful long spikes. Flowers borne from June until September. Excellent for cutting. Seed sown outdoors any time from May to August will start flowering the next June. Lupin plants do not like to be disturbed and they need well drained soil. 3 feet.

1798 Russell Strain Holmes' Supreme Mixture

Pkt., 25c; $\frac{1}{8}$ oz., 50c

R.H.S. Gold Medal, 1937. Flower spike is of mammoth size with flowers rich in all brilliant colors. The most sensational introduction for many years. Height 3 feet.

Lychnis - Catchfly

1800 Chalcedonia (Maltese Cross)

Pkt., 10c; $\frac{1}{8}$ oz., 35c

Heads of vivid scarlet flowers, a most brilliant flower, for bedding or borders, blooming all summer. Blooms the first year from seed. 3 feet.

Matricaria - Double Feverfew

1835 Double White

Pkt., 15c; $\frac{1}{8}$ oz., 90c

An excellent border plant and valuable summer cut flower, with large, double, white flowers. 20 inches.

MYOSOTIS (See Forget-Me-Not, page 41)

Pentstemon - Beard Tongue

1945 Sensation

Pkt., 15c

Most attractive for massing in beds or borders. Decidedly beautiful from a decorative point of view. Flowers are tubular and Foxglovelike in shape. Blooms all summer. A wide range of rich colors. 2 feet.

PINKS (See Dianthus)

Poppies - Oriental

The Most Majestic of All June Flowers

When the mammoth rich red Oriental Poppies are in bloom they are the most outstanding flowers in the garden, and once planted they will live for years, getting larger and better each year if given room and kept fertilized. 2 to 3 feet.

2040 Orientale (Oriental Poppy)

Pkt., 15c; $\frac{1}{4}$ oz., \$1.00

The finest dark crimson with black blotch at base of the petals, creating a wonderful contrast when bloom is open. 8 feet.

2042 Mrs. Perry

Orange-apricot, a beautiful variety; the best of the pink Poppies.

Pkt., 15c

2041 New Hybrids

Pkt., 25c

Includes many brilliant shades.

Poppies - Iceland

2045 Sandford's Giants Mixed

Pkt., 15c; $\frac{1}{8}$ oz., 70c

A truly giant strain, giving flowers twice the size of the original variety, with long stems. New, of many colors. Blooms all summer. 20 inches.



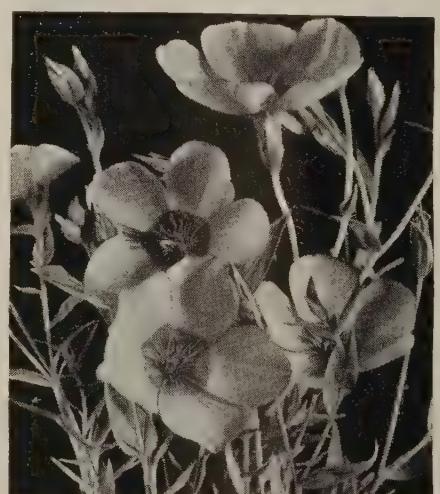
Holmes' Supreme Mixture Lupinus
Russell Strain

Primrose - Polyanthus

2065 Holmes' Superior Mixture

Pkt., 25c

Immense flowers including new and unusual colors. A clump of Primroses is very outstanding. More gardeners are coming to appreciate the possibilities of the Primrose which grows best in partial shade; the north or east side of the house makes the most desirable place for such a planting. In bloom from April to June. Height 1 foot.



Linum—Flax

Pyrethrum - Painted Daisy

2083 Finest Single Mixed

This mixture contains many shades of colors. Flowers 3 to 4 inches across, borne on long stems; excellent for cutting. Bloom in May and again in the fall. 2 feet.

Pkt., 15c

2087 Robinson Giant Hybrids Mixed

A selection made by a specialist, with a fine color range.

Pkt., 25c

2085 Double Mixed

The flowers are large. The plant is robust and the stems are long. Excellent for bouquets as the flowers are held upright and do not droop even after they are cut. The colors are red, pink, and white.

Pkt., 25c

RED HOT POKER (See Tritoma)

Rock Garden (Perennial) Mixture

2090 Holmes' Exquisite Mixed

Wonderful mixture of over 50 rare and choice Rock Garden Perennials. Maximum height 6 inches.



Sweet William

Tritoma - Torch Lily - Red Hot Poker

2235 Hybrida Mixed

A very popular flower for garden decoration. Highlight your garden with these novel flowers, and use them freely for cutting, for which they are so perfectly suited because the flowers are graceful, lasting well in water. Blooms first year. Require protection during winter, unless in a very sheltered position. Height 3 feet.

Pkt., 15c

Viola - Tufted Pansies

2275 Finest Mixture

Violas are indispensable for spring gardening, many shades and markings, create a riot of color. If the dead blooms are regularly removed the plants will continue to flower profusely until late autumn. Withstand hot, dry weather. Height 6 inches.

Pkt., 15c; $\frac{1}{8}$ oz., \$1.00

2286 Chantreyland (Apricot)

Beautiful rich apricot shade, tinted orange toward the center. Very free-flowering.

Pkt., 25c; $\frac{1}{8}$ oz., \$1.00

WALLFLOWER (See Cheiranthus, page 51)

Viola—Tufted Pansies



Tritoma, Red Hot Poker



Single Pyrethrum

Salvia

2123 Blue Bedder (Farinacea)

Pkt., 20c; $\frac{1}{8}$ oz., 85c
Blooms from July to frost. Of compact form, with deep blue flowers borne on long spikes held well above the foliage; makes a good blue line. Excellent for bedding. 3 feet.

Pkt., 20c; $\frac{1}{8}$ oz., 50c

2135 Caucasica (Isaac House's Hybrids)

We recommend "Hardy Scabiosa" as one of the best hardy flowers for cutting. The shapely dark blue to lavender flowers, 2 to 4 inches across, are on long, graceful stems and last several days in water. The plants bloom all summer. 2 feet.

SHASTA DAISY (See Daisy, page 52)

Sweet William - Dianthus Barbatus

2215 Giant Double-Flowering Mixed

Showy, hardy flowers of easy culture; splendid for beds and borders with their rich, varied flowers. Blooms all summer. Biennial. Height 18 inches.

Pkt., 10c; $\frac{1}{4}$ oz., 60c

2221 Midget Dwarf Mixed Colors

Dwarf, compact plants. Large, bright flowers. Excellent for borders, rockeries. Height 3 to 4 inches.

Pkt., 25c

Holmes' Summer Flowering Bulbs

All Bulbs Prepaid



Amaryllis

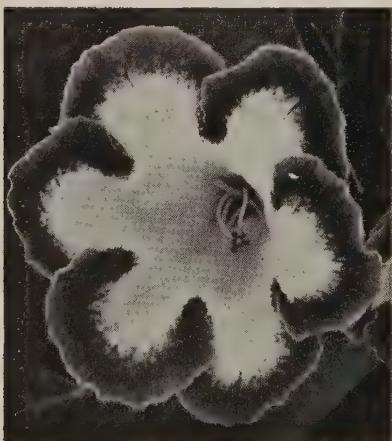
AMARYLLIS

Giant American Hybrids

Delivery—January to March or in Autumn

These should not be planted in the garden but should be grown as pot plants only. A wonderful strain of new Giant-flowered Amaryllis of free-flowering habit. The large flowers are composed of broad, well rounded, overlapping petals and range in color from crimson to orange-scarlet, light rose and white, in the richest self colorings and combinations of stripes and variegations. The large, strong bulbs we offer will throw erect, vigorous stems with from 4 to 6 blooms. Extremely easy to grow. We offer these bulbs in choice mixed colors only.

4000 Large Size Each 85c; 3 for \$2.50



Gloxinia

GLOXINIA

Delivery—January to March

Handsome summer and autumn blooming pot plants with thick gray-green foliage and large tubular blooms of a velvety texture in a fine assortment of rich colors. They are excellent for growing on the porch during the warm summer months and in the house when the weather has become cool. The bulbs should be planted individually in pots from January through March. Strong flowering bulbs.

5010 Mixed Colors

Each 40c; 3 for \$1.10; doz., \$4.00

GOLDEN YELLOW CALLA

Delivery—January to May

Large flowers of luminous golden yellow with dark green foliage, oddly marked with white spots. They are excellent pot plants and extremely effective summer bedding plants. Height 2½ feet. Plant out when all danger of frost has passed. Does well in full shade.

5020 First Size Each 30c; doz., \$3.00

TIGRIDIA

(Mexican Shell Flower or Tiger Flower)

Delivery—March to May

Richly colored flowers with curiously cupped centers which are blotched and spotted with colors that contrast sharply with shades of the outer petals. Very striking and always excite interest and admiration. Tigridias are as easy to grow as Gladiolus. Plant bulbs about 5 inches deep in any good well drained garden soil. Water thoroughly once each week during flowering season. If faded flowers are removed, blooming season will be lengthened.

5075 Mixed Colors Only

3 for 55c; doz., \$1.50; 100 for \$10.00

OXALIS

Delivery—March to May

The summer-flowering Oxalis with their handsome Cloverlike foliage are excellent edging plants for beds or flower borders; are also splendid for rock garden work and very lovely in hanging pots or flower boxes. Plant the bulbs about 2 inches deep in early May in any reasonably good garden soil. Give plenty of water if season is dry and they will bloom from early summer until frost.

5055 Rosy Carmine

Doz., 50c; 25 for 95c; 100 for \$3.50

MADEIRA VINE

(Mignonette Vine)

Delivery—March to May

A quick growing vine for arbors and porches. Will cover fences, stumps or trellises in a short time. Plant 4 inches deep as soon as danger of frost is over, in rich soil. The vines reach from 10 to 20 feet in a season, and in late summer bear a profusion of little, fragrant, white flowers. Make a fine vine in window boxes or pots. The vines will hang over about 3 feet.

5050 First Size

3 for 35c; doz., \$1.25; 25 for \$2.25

TUBEROSE

Delivery—February to May

Tuberoses require a long growing season and in northern climates the bulbs should be started in pots indoors in April and set out when danger of frost is past. They require a deep, rich soil. Bulbs should be covered 1 inch with earth, dug up before touched by frost, and stored, dry, in a temperature of 60 degrees during the winter.

5085 Excelsior, Dwarf Pearl

Each 20c; 3 for 55c; 12 for \$2.00; 25 for \$3.75

Double, fragrant, waxlike flowers. Not hardy. Because of State law, we regret we are unable to ship Tuberose bulbs to California.

Bulbs Shipped Separately from Seed

Because of weather conditions during January, February and early March, we prefer to send out bulbs after March 20th, except to customers in the South, to whom we ship at once, packed against freezing. Customers should open the package upon arrival and if bulbs can not be planted at once they should be placed in a dry and frost-proof cellar until ready to plant.

CALADIUM

Delivery—January to May

4025 Esculentum

Each 35c; 3 for \$1.00; doz., \$3.85
(Elephant's Ear.) Plants produce large, broad, green leaves; effective singly or in masses. Like plenty of water when growing and rich soil if the biggest leaves are desired. Not hardy.

4028 Fancy-Leaved Mixed

Each 35c; 3 for 95c; 12 for \$3.50
Gorgeously colored foliage plants with red, green, and white variegated leaves. Nice in pots or shady places in the garden. Not hardy.



Camellia-Flowered Begonia

BEGONIAS

Tuberous-Rooted

Recommended for Growing in Shady and Semi-Shady Places

Delivery February to May

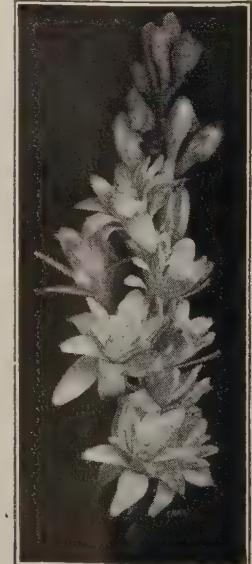
Summer bedding and pot plants of spectacular beauty. The enormous double flowers are held well above the foliage. Start the bulbs indoors and put outdoors when the ground is warm.

CAMELLIA-FLOWERED

A double-flowering type, the blooms of which closely resemble Camellias in form and texture.

4013 White 4008 Orange 4005 Crimson 4010 Rose 4015 Yellow 4020 Mixed

Large Size Bulbs: Each 40c; 3 for \$1.10; doz., \$3.50, 100 for \$26.00. (25 bulbs at the 100 rate.)



Tuberose

Cannas

LARGE FLOWERING SORTS

They are not particular as to soil, although they do best in a sunny, well drained situation. Plant the roots any time after danger from frost is past. They bloom from early summer until fall.

Delivery—March to April 15th

4034 King Humbert

Great orange-scarlet flowers surmount beautiful, vigorous, deep bronze foliage. 4 feet.

25c each; 3 for 70c; \$2.50 per doz.

4032 Hungaria

Its large, exquisite deep rose-pink flowers are produced well above the green foliage. 4 feet.

25c each; 3 for 70c; \$2.50 per doz.

4036 The President

Green foliage. Color bright glistening scarlet. The individual florets often measure 7 inches across when open. 4 feet.

25c each; 3 for 70c; \$2.50 per doz.

4038 Yellow King Humbert

Very effective yellow with red dots; large orchid-type flowers. 4 feet.

25c each; 3 for 70c; \$2.50 per doz.

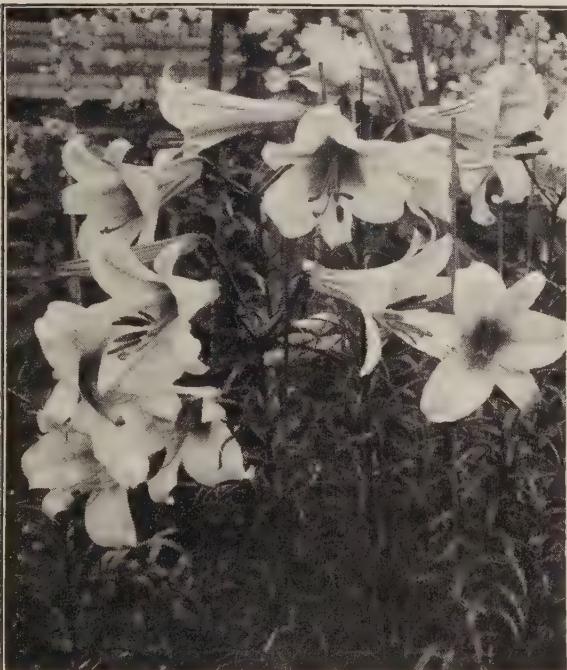
4040 Choice Mixed Cannas

Odds and ends, small lots of a kind, stray plants that get mixed in with other varieties and so on, put all together in a mixture. They are all first-class named varieties, but we cannot promise you any particular color or variety.

6 for \$1.25; 12 for \$2.00; 100 for \$12.00



The President Canna



Regal Lily

son, heavily dotted with deep spots. It is very easily established and grows almost anywhere. Under ideal conditions it may reach a height of 7 feet with a large number of showy flowers which measure about 4 inches across. Blooms in July. Plant 4 to 5 inches deep.

5037 Madonna Lily

(*L. candidum*.) Shipped in early September. Shipped only in the fall. The most popular Lily grown; known also as St. Joseph's and Resurrection Lily. Blooms in late June with Delphiniums and other tall perennials with which it combines beautifully. The medium size, pure white, wide open trumpets with showy yellow stamens are produced in many flowered panicles over a long period. Very fragrant.

5038 Olympic Hybrids (Centifolium)

50c each; 3 for \$1.35; doz., \$5.00
(*L. pardalinum giganteum*.) Shipped in May or October. We are proud to offer this modern strain of Trumpet Lilies for discriminating gardeners. Side by side, field tests have definitely proven them to be the finest strain of hardy garden Lilies available. The color range includes creamy yellow trumpets, soft pink and icy green. Exteriors of the petals are delicately greenish brown or soft wine tints, and in some instances are a pure glistening white. Bloom in July. Plant 6 inches deep.

GOLD BANDED LILY

Shipped Only in May

Gold Banded Lily (Auratum)

\$1.00 each; 3 for \$2.75; doz., \$10.00
Back again after its absence during the war years. Large, very fragrant, ivory-white blooms with broad, yellow bands down the center of the reflexed petals. Chocolate-brown dots accentuate the yellow throat. Well established plants often produce 12 or more enormous blooms.



Madonna Lily



Blue Beauty

**SPECIAL OFFER
MIXED GLADIOLUS**

Three-fourths to one inch Blooming Size Bulbs.
The Size Preferred by Many Commercial Growers.
40 bulbs \$1.00

Gladioli

HOLMES' GOLD MEDAL VARIETIES

Every precaution on our part has been taken to deliver to our customers bulbs free of thrip. To this effect all our planting is treated, but to be sure that they are absolutely free of thrip, our bulbs are fumigated at intervals during the winter. Whatever you buy from us is free of thrip.

No. 1 Size Bulbs, 1½-2 Inches Across.

4050 Bit of Heaven 15c each; 3 for 35c; doz., \$1.25; 100 for \$8.50
Very attractive flaming orange. Good size flowers.

4052 Blue Beauty 20c each; 3 for 50c; doz., \$2.00; 100 for \$15.00
Lovely, wide open blooms of light blue, shading darker toward the edge. Strong grower; early.

4054 Elizabeth the Queen 20c each; 3 for 50c; doz., \$2.00; 100 for \$15.00
Finest ruffled lavender. Darker veining. Placement of blooms is perfect.

4056 Ethel Cave-Cole 15c each; 3 for 35c; doz. \$1.50; 100 for \$9.00
Very large bright pink. Well placed blooms; splendid grower.

4058 Gold Dust 15c each; 3 for 35c; doz., \$1.50; 100 for \$10.00
Deep yellow with a gorgeous sheen. Early and free flowering.

4060 Jeanie 15c each; 3 for 35c; doz., \$1.50; 100 for \$10.00
A clear, rich pink, large flowers. Always straight spikes. An excellent cut flower variety.

4062 King Lear 15c each; 3 for 35c; doz., \$1.25; 100 for \$9.00
An early, deep purple with silver line on edge of petals. Very large, heavily waved and ruffled flowers.

4064 Lady Jane 15c each; 3 for 35c; doz., \$1.50; 100 \$10.00
Large, clear cream with yellow lip. The blooms are slightly ruffled, fine texture.

4066 Margaret Beaton 15c each; 3 for 35c; doz., \$1.25; 100 for \$9.00
Very large, snowy white with flame-scarlet deep in throat; very distinct and beautiful.

4068 Peggy Lou 15c each; 3 for 35c; doz., \$1.25; 100 for \$9.00
New. Light rosy pink. Large flowers. Called a "sister of Picardy." Very vigorous and has won many prizes at recent exhibitions.

4070 Picardy 15c each; 3 for 35c; doz., \$1.25; 100 for \$9.00
Late. Soft shrimp-pink, clear and clean, with a blotch of light flesh-pink which blends into the main color. Seven to ten open florets, which measure 6 inches across, on a tall, strong spike. A perfect color, a giant in size, and the most sensational variety in recent years.

4072 Red Charm 20c each; 3 for 50c; doz., \$2.00; 100 for \$15.00
Immense dark red. Many blooms of heavy texture on a tall, straight spike.

4074 Stoplight 15c each; 3 for 35c; doz., \$1.25; 100 for \$9.00
New, large, clear red. The lightly ruffled blooms are flat and wide open, and are well placed.

4076 Valeria 20c each; 3 for 50c; doz., \$2.00; 100 for \$15.00
Is the best loved large, ruffled, red cut flower. Tall, straight spikes with lovely light red color, of large size.

4090 HOLMES' "RAINBOW" MIXTURE

An unexcelled blend of the largest number of fine and distinct and newer varieties of Gladioli. This is a specialty of ours and not to be compared with ordinary mixtures. Selected bulbs.

*Postpaid: 90c per doz.; 25 for \$1.80; 50 for \$3.50; 100 for \$6.50
Not Prepaid: 1000 for \$60.00. (500 at the 1000 rate.)*

5000 HOLMES' "BLUE RIBBON" MIXTURE

They include almost every shade of cream, pink, salmon-pink, blush, rose, bright red, lavender-pink, scarlet and crimson. Immense flowers.

*Postpaid: 75c per doz.; 25 for \$1.40; 50 for \$2.85; 100 for \$4.85
Not Prepaid: 250 for \$11.85; 1000 for \$40.00. (500 at the 1000 rate.)*

PREVENTION AND CONTROL OF THRIP ON GLADIOLUS

The latest recommendation is to use DDT 10% wettable powder, one tablespoon to one gallon of water. Three to four sprayings a season at two-week intervals, preferably on dark days, should be highly effective. See page 64.

REASONS WHY YOU WILL PROFIT FROM SOWING HOLMES' FIELD SEEDS

- Desirable and adapted inheritance is assured by selection, breeding and controlled production.
- Exceptionally high purity is the result of skillful and thorough cleansing.
- High vigor is assured by testing each lot for germination and distributing only lots that have it.
- Chemical treatment of small grains and seed corn to control disease organisms on the seed or in the soil results in more uniform stands of healthy seedlings.
- Bacterial inoculant is included with all legume seed.
- Accurate practical grading permits uniform, efficient planting or sowing.

All Holmes' Seeds are analyzed to determine the weed seed content and impurities, and all lots that do not meet the highest standards are thoroughly recleaned to remove obnoxious weed seed and impurities.

We contract with the ablest of seed growers in many parts of the country for the production of many kinds.

Ladino
Alsike
Medium Red

Clovers

Mammoth Red
White Sweet
Yellow Sweet

Grimm

Alfalfas
Variegated Common

Korean Lespedeza • Hairy Vetch • Grasses

Write us for latest FIELD SEED PRICE LIST

Reed Canary Grass

Sown in swampy ground into worth-while grazing, sometimes with a good hay crop besides. Not for acid soils. Has been good on uplands, too. Perennial stems spread underground. Makes a tough sod. Lasts years, but easily turned under with deep plowing. Best if kept closely grazed. Leaves broad, smooth. With limited pasturing, two cuttings annually may take place. 8 to 12 pounds per acre. *Write for Price List.*

Holmes' Pasture Grass Mixture

There is probably no other means of so greatly increasing the net farm income on livestock farms at so low a cost as by the production and grazing of farm pastures. Pasture renovation surface tillage of old pasture with disc or spring tooth harrow is better than plowing.

Highland Mixture; Lowland Mixture.

Write for Price List.



Red Clover Field



Good Pasture Makes Healthy Livestock

Bromegrass—"Lincoln" Type

Bromegrass is the best grass to mix with Alfalfa or Ladino if it is planned to harvest it partly or entirely by pasturing with cattle or sheep.

The best time to sow Bromegrass is early spring or late summer.

Bromegrass seed may be sown with the grain drill by mixing the seed with fertilizer. Sow through the fertilizer attachment very shallow. Deep seeding is one of the most common causes of failure.

Bromegrass (1 part by weight) may be mixed with Oats (4 to 6 parts) and sown shallow through the grain feed.

Bromegrass in mixture should be sown at 5 to 10 pounds per acre, with 8 pounds of Alfalfa as a safe standard. *Write for prices.*

Ladino-Brome Pasture

Growers have established pasture by seeding two pounds of Ladino and twelve pounds of Brome to the acre in the spring of 1949 with excellent results.

Ladino Clover

Excellent for Grazing

Ladino Clover is one of our most valuable pasture plants. It is highly productive and nutritious, and comparatively easy to grow.

A giant type of White Clover. Is very much larger and much more drought resistant. It should be included in every seeding that is to be used for pasture alone, or for hay and pasture. That means that whenever an Alfalfa-Grass-Clover mixture is being seeded on crop rotation land that is to be used in part for pasture, one-half to one pound of Ladino per acre should be in the mixture.

Ladino Clover seed, like that of other legumes, should be inoculated crops, so makes a greater contribution as a pasture plant than as a constituent of a hay mixture.

Ladino Clover seed, like that of other legumes, should be inoculated before seeding and the land should be well limed and fertilized. *Write for Price List.*



Sudan Grass

Inoculate all Legume Seeds with

NITRAGIN

1898—FIFTY-TWO YEARS OF SERVICE—1950

When ordering, Always state name of seed.

| | |
|---|---|
| ALFALFA (A) Swt., Bur., Hubam Clovers Size Retail 1 bu. each... \$.50 2½ bu. each... 1.00 | SOYBEANS (S) Size Retail 2 bu. each..... \$.30 5 bu. each..... .50 25 bu. each..... 2.25 (One can) 30 bu. each..... 2.95 (6-5 bu. cans) |
| CLOVERS (B) Red, Alsike, Crimson, White and Ladino. 1 bu. each... \$.50 2½ bu. each... 1.00 | BEANS (D) Navy, Pinto, Wax, String, Kidney and Great Northern 1 bu. each..... \$.50 |
| COMBINATION (AB) 1 bu. each\$.50 | PEANUTS, COW PEAS (E) 2 bu. each..... \$.30 5 bu. each..... .50 |
| LESPEDEZA (L) 100 lb. size (Inoculates up to 100 lbs.) ..\$.50 | |
| PEAS, VETCHES (All Varieties) 100 lb. size (Inoculates up to 100 lbs.) ea.\$.50 | |
| GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans Enough for 8 lbs. seed — Retail Price 15c each | |

Holmes' Certified Hybrid Corn



You Can Grow a Better Corn Crop With HOLMES' Seed

HIGH YIELDING. A top variety for each area.

ECONOMICAL. Well graded, high vitality, protected from disease—and yet low in cost.

PROFITABLE. A big crop of high quality grain or silage at low cost means profit to you.

Choose the HOLMES' variety best suited to your conditions and place an early order for your 1950 Seed Corn needs.

OHIO HYBRID M15 The outstanding hybrid yet developed for midseason grain production. Stiff stalk, strong roots, good resistance to diseases and insects. Ear medium sized with deep, smooth kernels. It dries out quickly in the fall and husks clean and easily by hand or with mechanical pickers. Yield is tops in its season.

OHIO HYBRID M20 It is as early as M15, giving high yields of sound yellow Corn. Ears are medium short, thick and heavy, 16 to 18 rows of dented deep grain. Fodder is dark green in color. Plants are more resistant to root-lodging and stalk-breaking than those of M15. Maturity 95 to 100 days.

OHIO HYBRID M34 EARLY—DEEP GRAIN—HEAVY YIELD. This early maturing hybrid is one of the heaviest yielders of its season. The plants are dark green in color and hold their greenness well, giving an appearance of lateness even though the ears are well matured. The ears are medium sized with very deep kernels. Plants are highly resistant to blight. An excellent kind to use for hogging off or for early feed throughout central Ohio. Do not overlook this early hybrid as it has proven most valuable the past few years to use where you want to pick and sow Wheat at the proper time.

OHIO HYBRID K23

Is adapted to soils in Northern Ohio. Its plants are short, very lodging-resistant, deep green, leafy and have short shanks. The ears are low on the stalks, medium short, medium thick, tapering and have 16 to 18 rows of medium dented, medium grains. Maturity 95 to 100 days

OHIO HYBRID K24

The midseason hybrid noted for best stalk and standing ability. Broad, dark green leaves, extensive, strong, healthy root. Produces more dry matter per acre than other varieties of the same maturity season that often appear larger, so is outstanding in value for silage production. Also desirable for grain production. Needs high fertility.

OHIO HYBRID K35

This early, heavy yielding hybrid has become a leader in northern and northeastern Ohio. The plants are short and leafy. The ears are short, thick and have 14 to 18 rows of deep golden, dented grain. We are proud the way this hybrid has performed. Maturity 100 to 105 days.

U. S. 13

The most grown full-season hybrid yet developed. Strong stalk and roots, resists disease and insects and has high general vigor and wide adaptation for production of both grain and ensilage. On the average U.S. 13 outyields all competing varieties.

PRICES ON HYBRID SEED CORN

Large Flat Grade and Medium Flat Grade: \$8.50 per bushel.

FREIGHT PAID to your station to points in Indiana, Michigan, Ohio, Pennsylvania, West Virginia and Kentucky.

Holmes' Northern Grown Seed Corn

The progressive farmer is fully aware that it pays in dollars and cents to plant seed of known origin only. Our Corns have all been grown especially for seed. They have been well cured and are true to name and type. It costs no more in labor, time and fertilizer to grow a bumper crop than it does to produce a poor one. The difference in price between good and poor seed is made up many times over in the increase in the crop harvested. Shelled Seed Corn weighs 56 lbs. per bushel.

Early Butler 90-Day

Write for Seed Corn Price List

Has broad, deep grains of a beautiful golden yellow color. It produces a crop of the most perfectly uniform ears and has averaged 70 bushels of shelled Corn per acre. The ears are 10 inches long with 14 rows

Lancaster County Sure Crop

Originated in Lancaster County, Pennsylvania. This Corn is a very dependable variety. It is early, the ears are very long, and the rich yellow grains are of uniform width and length. Lancaster County Sure Crop averages 12 feet in height, is very leafy. Our seed is grown for us by a Seed Corn specialist, and can be relied upon for purity and quality. Seed is graded, extra choice.

Write for prices

of long, broad grains. The stalks grow from 8 to 10 feet high, giving an immense quantity of fodder. Farmers who planted Early Butler 90-Day for their main crop last year told us they grew one of the finest crops and best quality Corn they ever grew. You will not regret it if you plant Early Butler 90-Day.

Early Hawk's

Write for Seed Corn Price List
An extra good early Corn for northern sections of Ohio and Pennsylvania. A reliable, early yellow Dent Corn that you can rely on for use in the North. Our seed has been in great demand from northern farmers.

Holmes' Silage Corn

Blue Ridge Ensilage

Early, grows tall, leafy, full-eared. This is an improved strain, originated in the Blue Ridge Mountains of Virginia, and will outyield all other southern ensilage from a standpoint of tonnage, height and quality of fodder. Ranges from 14 to 16 feet in height. On account of its being grown at a high altitude, it is earlier than other southern grown ensilage. Our seed is selected and cured, and we know it is of highest germination; strong and vigorous. It is graded with the utmost care.

Write for prices



Field of Holmes' Golden Ensilage

Holmes' Golden Ensilage

Write for prices

"A Wonderful Silo Filler." Decidedly the largest and best yellow Corn to grow for leaves and ears. Pennsylvania grown. The stalks attain a height of from 12 to 14 feet, with thick, strong foliage. The ears are 10 to 12 inches in length, the majority of them having 18 rows of deep, broad grains of a rich golden yellow color. It is an extremely heavy cropper, ranking with any of the southern grown ensilages. Holmes' Golden will give a better crop on poor or light soil than almost any other variety. The Master Farmers, who are growing Holmes' Golden, praise it. Fill your silo with ensilage that is worth while.

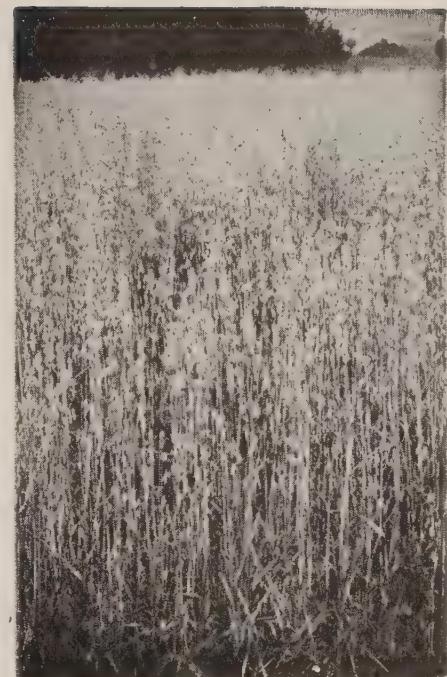
Clinton 59 Certified Seed Oats

Clinton 59

Clinton 59 has all the good qualities of the original Clinton Oats and in addition has slightly greater yielding ability, is about one day earlier and is more uniform in growth and maturity than the original Clinton. We believe that the Clinton 59 will probably replace the original Clinton in a few years.

Write for prices

We recommend treating all seed Oats with Improved Ceresan for smut whether or not certified seed is used. 1 lb. treats 32 bushels. See page 62.



Certified Clinton 59 Oats

Soy Beans

Soy Beans planted in warm soil up to July 15th can be most valuable crop for livestock feed. They will produce either grain or roughage high in protein, minerals, and vitamins. When properly inoculated, Soy Beans will gather abundant nitrogen from the air.

Write for prices

Holmes can supply top quality seed of high germination, free of weeds. When grown for hay, 90 lbs. per acre solid; for silage, 4 to 6 lbs. per acre when sown with Corn; for silo, plant 60 lbs. Soys to 15 lbs. Sudan; for seed drill 40 lbs. or 90 lbs. sown solid. (60 lbs. per bushel.)

Hawkeye

Hawkeye Soy Beans are best answer yet found for a variety that will mature as early as Richland and with equal ability to stand up for the combine and in addition carry as much oil as does Lincoln. We believe it worth your while and to your advantage to try Hawkeye this year.

Lincoln

Matures about one week later than Richland. In 21 tests in Ohio, over a period of four years, Lincoln yielded 3 to 7 bushels more than other varieties. Superior in standing ability, and ranks ahead of them in quality and content of oil.

Write for prices

Four to five days earlier than Earliana which to it is similar in height, yield, oil content and protein content, and also stands better than Earliana but not as well as Richland. Four to five inches taller than Richland, matures about ten days earlier and yields as well.

Monroe

(Black seed.) Earlier and better than Wilson. Is as well for hay or ensilage. Plant tall, tending to twine.

Write for prices

Kingway

(Black seed.) Earlier and better than Wilson. Is as well for hay or ensilage. Plant tall, tending to twine.

Write for prices

Hairy Vetch

15 to 30 lbs. per acre.

Hairy Vetch is a winter annual vine which grows 5 to 6 feet tall but with stems too weak to support itself. Sown any time after the first of July it makes more or less growth before frost, lives through the winter, makes a vigorous growth the following spring, forms seed and dies by the first of July. When cultivated in, it is a successful green manure crop to sow in Corn. It adds a worth-while amount of nitrogen to the soil if it can be left until May 10th to 15th of the following year. It is valuable for hay but the hay is difficult to cut and cure because of the vining habit of the plant. Hairy Vetch does not go through the winter on wet soils. *Write for Field Seed Price List.*



Soy Beans

Rye Grass

Build a bank account of soil fertility with Rye Grass. It costs little—and will surely increase farming profits. Rye Grass stores soil fertility over winter, retards soil erosion and improves soil tilth. Seed Rye Grass at the last cultivation of all row crops—and particularly Corn. Seed it immediately after harvesting vegetables and other crops—up to September 15th. Order Holmes' Rye Grass seed now.

*Transportation Paid: Lb., 35c; 2 lbs., 65c; 5 lbs., \$1.25; 10 lbs., \$2.20
Transportation Not Paid: 25 lbs. or more at 20c per lb.*

Sudan Grass

Greatest purpose is to produce pasture during the hot, dry weather when other pastureage is usually short. A firm seed bed is essential. Use 25 to 30 pounds per acre. Sown with Soy Beans when the Beans are 3 or 4 inches high. A very desirable and heavy yielding combination for hay or silage results. (40 lbs. per bushel.) *Write for Price List.*

Sweet Sudan Grass

A New Improved Variety

Write for Price List

Sweet Sudan

Its disease-resistant qualities make it a valuable pasture or hay crop. Stalks are taller, heavier and produce a finer and more palatable feed for livestock because of the sweet and juicy stalklike Sorghums. Sweet Sudan is the best emergency pasture for mid and late summer grazing. Good results are obtained when seeded in late May (if weather is favorable) or early June, and can also be sown during July at the rate of 20 to 30 pounds per acre. Produces abundant material for grazing in about six weeks. Plants stool out much heavier, are more leafy, and produce richer yields of forage than common Sudan.

Dwarf Essex Rape

For Quick Pasture for Sheep and Hogs

It should be sown from late March to the middle of July. It is ordinarily ready to graze in 7 to 10 weeks or when 12 inches high. The seed may be broadcast and covered lightly with a harrow or it may be sown with a grain drill, 4 to 8 lbs. of seed per acre. (50 lbs. per bushel.) *Write for prices.*

Early Cane

Sorghum—Cane Seed

Write for Price List

The choicest variety, producing an abundance of good forage. Sorghum may be cut and dried, and fed to all farm livestock. Does well all over Ohio and the East. Plant 4 to 6 lbs. in rows, 40 to 50 lbs. drilled per acre. (50 lbs. per bushel.)



SEED TREATMENTS

MAKE GOOD SEEDS GROW BETTER

ARASAN. For Corn, Beets, Spinach, Peppers and many other seeds. This Du Pont chemical is the best and most effective treatment for most kinds of vegetable seeds. Protects the seed from decay and damping-off, and assures better germination and stronger, healthier plants. Especially recommended for Corn, Beets and Spinach; and in the greenhouse, we have found Arasan the best on Peppers, Tomatoes and Eggplant. Be safe—use Arasan. $\frac{3}{4}$ oz. pkg., 25c; 8 ozs., 80c; 4 lbs., \$5.16, not prepaid.

SEMESAN. For Many Vegetable and Flower Seeds. Controls Damping-Off. The standard seed treatment for many years, and also excellent as a spray or drench to control damping-off. Semesan disinfects seed and protects it from soil organisms which cause rotting and damping-off. Full directions with each package. $\frac{1}{3}$ oz., 20c; 2 ozs., 60c; 12 ozs., \$2.40; 4 lbs., \$11.00, not prepaid.

SEMESAN JR. For Field and Sweet Corn. Designed especially for treating Corn, Semesan Jr. protects seed from rotting in cold, wet weather, improves stands and increases yields. Treated seed can be planted earlier, giving earlier and better crops. It is very inexpensive. $\frac{1}{2}$ ozs. will treat a bushel of seed. 12 ozs., 62c, not prepaid.

SEMESAN BEL. For Seed Potatoes. The best and most controlling seed treatment for Potatoes, controlling such diseases as rhizoctonia and seed borne scab. "Instantaneous Dip" method, very quick and easy. 2 ozs. treats up to 7 bus. of Potatoes. 2 ozs., 50c; 1 lb., \$2.00; 4 lbs., \$6.32, not prepaid.

SPEGON. For Peas, Lima Beans and other Seeds. Safe, convenient, effective on many crops, particularly Peas and Lima Beans. Improves stands and sometimes actually stimulates growth, producing greater yields. All Peas and Lima Beans should be Spergon treated for protection against decay in the soil during cool, wet weather. Spergon lubricates the seed for easy sowing in a drill and is excellent on Corn, Snap Beans, Cucumbers, etc. Easy to apply, non-injurious to humans. 1 oz. treats 30 lbs. of Peas or Lima Beans. 1 oz., 25c; 5 ozs., \$1.00; 1 lb., \$2.25; 10 lbs., \$20.00, postpaid.

CERESAN. New Improved. For Oats, Barley, Wheat and other Grain. Authorities agree that all grain should be treated with Ceresan to control seed-borne diseases. Controls stinking smut of Wheat, and stripe disease and loose smut of Barley and Oats and other diseases. Does not harm the seed or the grain drill. 4 ozs. will treat 8 bushels of Wheat, Oats or Barley. 4 ozs., 45c; 1 lb., \$1.00; 4 lbs., \$3.40, not prepaid.

CROW REPELLENT (STANLEY'S). Protects Corn from crows and other seed-pulling birds. On our farm we always use this treatment to protect our Corn plantings from birds. Works well, and does not harm seed or clog the planter. May be safely used on seed treated with Semesan Jr. $\frac{1}{2}$ pint treats 1 bu. of Corn. $\frac{1}{2}$ pt., 60c; pt., \$1.00; qt., \$1.75, prepaid.

HELPFUL GARDENING SUPPLIES



TERRA-LITE. The new horticultural sensation. Start your flower and vegetable plants in Terra-Lite. Makes seeds start quicker, germinate better. Makes cuttings root better, makes bigger, stronger plants, loosens tight soil. Sterile—no soil-borne diseases. It is also an excellent medium for storing bulbs. 4 qts., 39c; $\frac{1}{2}$ bu., 97c; 2 bus., \$1.95, not prepaid. Postpaid, 2 bus., \$2.25.

BIRD GREEN PAPER POTS. For the full growing period of young plants without damaging or retarding of root growth. Resin treated to withstand watering.

| | Doz. | 100 | 1000 |
|---------------------|----------|-------------|---------|
| Postpaid | Postpaid | Not Prepaid | |
| 2 $\frac{1}{4}$ in. | .40 | \$1.80 | \$10.40 |
| 2 $\frac{1}{2}$ in. | .45 | 2.00 | 11.00 |
| 3 in. | .50 | 2.20 | 12.25 |
| 3 $\frac{1}{2}$ in. | .60 | 2.80 | 16.10 |
| 4 in. | .65 | 3.10 | 18.65 |



VITA POTS. For growing and shipping—they are nutrient treated. Growing results are similar to Vita-Bands. Vita Pots prevent root ball disturbance.

| | Doz. | 100 | 1000 |
|---------------------|----------|-------------|---------|
| Postpaid | Postpaid | Not Prepaid | |
| 2 $\frac{1}{4}$ in. | .45 | \$2.00 | \$10.40 |
| 2 $\frac{1}{2}$ in. | .45 | 2.00 | 11.00 |
| 3 in. | .50 | 2.10 | 12.25 |
| 3 $\frac{1}{2}$ in. | .55 | 2.75 | 16.10 |
| 4 in. | .60 | 2.95 | 18.65 |

TRAIN-ETTS

New Weatherized
TRELLIS NETTING Ideal Support for SWEET
PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES



Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes, No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25. Postpaid.

TWIST-EMS. Hardy plant ties. The quickest and most convenient way to tie climbing vines, and shrubs. Fine for flower arrangements. These are strong, dark green tapes with wire reinforcing. Produces stems and provides permanent support.

Box 100 (8-inch) Twist-Ems \$0.25, postpaid

Box 100 (16-inch) Twist-Ems50, postpaid

8-inch size in bulk (1000 to 9000). Per 1000 1.70, postpaid

Write for prices on larger quantities and for information on 7-inch and 12-inch Twist-Ems in broken quantities.

GRO-QUICK HEATING CABLE FOR HOTBEDS-COLD FRAMES-OPEN GROUND

Cut Germination Time 2/3. Root Cuttings in 6 Days
Seed Up in 30 Hrs. Transplant 2 Weeks Sooner!
J40A Cable & Thermo. for 1 sash \$6.75
S80A for double sash — 36 sq. ft. \$9.00
J40 40 ft. 200 watt, cable only \$2.25
S80 80 ft. 400 watt, cable only \$4.50



NATIONAL EZY WEAR GARDEN GLOVES

Give You Everything You Want: All-Leather, Durable, Easy to Wear, SOFT AS KID, DIRT-PROOF, WASHABLE.



Outwear six pairs of fabric. Also ideal for house, base-ment, garage, furnace, etc. Women's sizes: small, medium, large. Men's sizes: small, medium, large. Price: \$1.35, postpaid.

PROTECTIVE MASK. Weighs less than one-half ounce. Made of soft rolled aluminum; so pliable that they fit closely over the nose and mouth. The filter pads or refills consist of non-absorbent cotton web. Price: 45c each, postpaid. Refills, 3 for 10c.

POT LABELS AND GARDEN STAKES. Keep a record of the varieties of seeds sown, dates, etc. Come in plain or painted.

| | Plain | Painted |
|-------------|---------------|---------------|
| Pot Labels: | 100 1000 | 100 1000 |
| 4 in. long | \$0.55 \$2.60 | \$0.65 \$3.10 |
| 5 in. long | .60 2.85 | .70 3.35 |
| 6 in. long | .65 3.15 | .80 3.75 |

| | Plain | Painted |
|----------------|---------------------------------------|---------|
| Garden Stakes: | 12 in. long, 1 $\frac{1}{8}$ in. wide | |
| 100 for | \$2.75 | \$3.15 |
| 1000 for | 13.00 | 15.00 |

PENCIL (WATERPROOF)

The grower's pencil. All-weather-proof. For writing plant labels. Will not rub or wash off. Each 10c; doz., \$1.00, postpaid.

| | 100 | 1000 |
|--------|--------|------|
| \$0.50 | \$3.10 | |
| .60 | 3.80 | |

SUDSBURY SOIL TEST KITS. Shows how to give your soil the right kinds and amounts of fertilizers for all your flowers, vegetables, etc. Also whether lime is needed and how much. Easy to use—no knowledge of chemistry needed. A ten minute test tells more than a lifetime of gardening.

| | Postpaid |
|----------------------------|----------|
| Home Garden Kit (20 tests) | \$2.50 |
| Club Model (50 tests) | 4.75 |
| Horticultural Size | 12.50 |



HOTKAPS

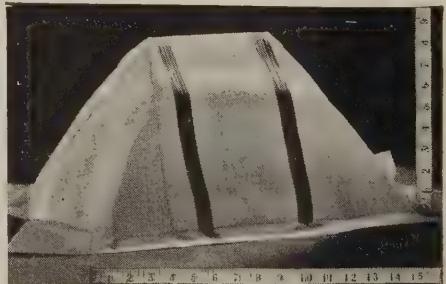


Start your Garden Earlier
this year—with HOTKAPS

| | |
|------------------------------------|------------------|
| 25 Hotkaps with Fiberboard Setter | \$0.80, postpaid |
| 100 Hotkaps with Fiberboard Setter | 2.90, postpaid |
| 250 Hotkaps with Fiberboard Setter | 5.10, postpaid |
| 1000 Hotkaps without Setter | 14.35, not ppd. |
| 5000 Hotkaps only, per 1000 | 14.25, not ppd. |
| Fiberboard Setter. Each | .25, postpaid |
| Steel Setter. Each | 1.95, postpaid |

HOTENTS. Designed to protect and force all varieties of plants where a large protection is needed. Made of extra strong paper supported by two metal bands. Hotents are 10 $\frac{1}{2}$ x14 $\frac{1}{2}$ in. at the base and 8 $\frac{1}{2}$ in. high. We recommend them especially for Melons.

| | |
|-----------|--------------------|
| 15 for | \$0.85, postpaid |
| 100 for | 3.25, postpaid |
| 250 for | 6.70, not prepaid |
| 500 for | 12.50, not prepaid |
| 1,000 for | 23.75, not prepaid |



VITA-BAND 10. Grow plants in individual bands. Designed for growing periods of 6 to 10 weeks. A low cost, nutrient treated band especially good for annuals and vegetables. Transplanting shock eliminated, saving 1 to 3 weeks setback. Sturdy fiber resin construction maintains best moisture conditions with watering frequency cut 50 per cent. Save space and growing time. Quick set-up and rapid removal.

| | 50 | 100 | 1000 |
|---|----------|----------|-------------|
| Postpaid | Postpaid | Postpaid | Not Prepaid |
| 1 $\frac{3}{4}$ x1 $\frac{3}{4}$ x2 $\frac{1}{2}$ in. | \$0.40 | \$0.60 | \$3.35 |
| 2x2x2 $\frac{1}{2}$ in. | .45 | .65 | 3.65 |
| 2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x3 in. | .55 | .80 | 4.75 |
| 3x3x3 in. | .60 | .85 | 5.65 |

Fertilizers, Soil Conditioners and Mulches

Adco. Makes rich, organic fertilizer from garden waste. Mix ADCO with leaves, weeds, vines, straw, cornstalks, and turn them into rich plant food. Directions included with each package.

| | |
|---|--------|
| 5-lb. carton (enough to make 200 lbs.) | \$1.00 |
| 25-lb. bag (enough to make over half ton) | 2.50 |
| 150-lb. bag (enough to make three tons) | 13.50 |

Bone Meal. For sweetening the soil in the garden or lawn. Helps grow grass in shady places. Excellent for bulbs. 5 lbs., 75¢; 10 lbs., \$1.25, postpaid. Not prepaid, 25 lbs., \$2.50; 100 lbs., \$6.00.

Cow or Cattle Manure. Highly concentrated pulverized manure. All organic and will not burn vegetation. Excellent for lawns, shrubs, Roses, vegetable and flower gardens. 50 lbs., \$2.00; 100 lbs., \$3.50, not prepaid.

Hyponex. Plants grow luxuriantly, flower abundantly, and develop sturdy growth regardless of soil. Clean, odorless and soluble powder. Will not spoil or lose its vitality.

| | |
|---------------------------------------|--------|
| 3-oz. can (makes 18 gals.), postpaid | \$0.25 |
| 1-lb. can (makes 100 gals.), postpaid | 1.00 |

Lōma

acting plant. Contains "no filler." 5 lbs., 50¢; 10 lbs., 90¢, postpaid. Not prepaid, 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$4.50.

Mineralized Loma (8-8-8). For lawn, flowers, and vegetables. A scientific balanced, up-to-date plant food. Supplies 15 essential minerals, not merely in traces, but in sufficient quantities to enable plants to derive full benefits from the abundant nitrogen, phosphoric acid, and potash mixture. Will make greener, thicker turf. 25 lbs., \$2.50; 100 lbs., \$8.00, not prepaid.

Kapost. Superior compost. 100% organic Kapost contains nitrogen, potash, phosphorus, and 20 trace elements. Kapost makes healthy, fertile soil. For use on lawns, gardens, trees, plants and shrubbery. Will not burn. 2½ lbs., 50¢; 10 lbs., \$1.00; 50 lbs., \$3.00; 100 lbs., \$5.00, not prepaid.

Milorganite. Activated sludge fertilizer. Free of weed seeds; stays over a long period. Will not burn. 25 lbs., \$1.35; 50 lbs., \$2.35; 100 lbs., \$3.60, not prepaid.

Prices Subject to Change Without Notice.

GOOD BOOKS ON GARDENING

All About House Plants. (By Montague Free.) At last—the complete book about gardening. A famous expert gives the "how-to" of the successful indoor growing of flowers, foliage plants, shrubs, bulbs and vines—in text and pictures easily understood. Full information on soils, plant foods, pots and potting, watering and ventilation, the control of insect pests and diseases. \$3.50, postpaid

Garden Guide. (By 28 Authors.) This solves every problem that confronts the amateur gardener, from the laying out of his home grounds to the planting and upkeep of his flower, vegetable and fruit garden, his lawns, trees, shrubs, etc., and finally, the canning and preserving of the harvest. As one admirer of the Garden Guide testifies: "This book is the Moses of the garden. Mother uses it, Ethel uses it, I use it and all the neighbors use it. I think it is great." 576 pages and 300 illustrations. \$3.50, postpaid

The Book of Annuals. (By Prof. A. C. Hottes.) This book opens the door to greater success with these popular flowers. Over 100 varieties described, directions for culture and uses. 180 pages; 158 illustrations. Cloth bound. \$2.00, postpaid

The Complete Book of Garden Magic. (By Roy E. Biles.) One of the most thorough and attractive books on general gardening published today. 27 big chapters lavishly illustrated and packed with practical all-around information on every phase of gardening. A book to read and re-read. \$3.50, postpaid

The Garden Encyclopedia. (By E. L. D. Seymour, B. S. A.) In a single volume of 1300 pages and 750 illustrations, 10,000 articles. Soiless Gardening, New Methods of Combating Pests, Wild Flower Gardening, Flower Arrangement, Gardening by the Moon, A New Science Bio-dynamics, etc. Mr. Seymour has condensed a whole shelf full of garden books. Seems to be more usable than any other garden book published. Cloth bound. \$4.00, postpaid

Greenhouse Gardening for Everyone. (By Ernest Chabot.) Don't deny yourself the delights of gardening under glass. It's amazingly easy when guided by this expert's clear advice on location, construction, heating, ventilating, automatic watering, pest control. Tells how to start vegetables and seedlings ahead of season. Complete in every detail. \$4.00, postpaid

Perennials Preferred. (By Helen Van Pelt Wilson.) Sound advice on how to have handsome flowers 12 months in the year—all with minimum effort. Exciting, practical, and humorous. Calendar of chores to simplify successful gardening. \$3.00, postpaid

Peat Moss. One of the best known and most widely used products for conditioning the soil and for mulching beds and borders. The addition of substantial quantities of Peat Moss to the garden increases the soil's ability to hold moisture through dry weather. Aerates the ground and will prevent soils from forming hard top crust. Full bale will cover 250 sq. ft. 1 inch deep. Bale, \$4.95, not prepaid.



Plantabbs. Growing energy! That's what these rich (11-15-20) odorless tablets mean to all plants—indoor, garden and vegetables. Results guaranteed or money back! Boxes at 25¢, 50¢ and \$1.00; economical garden size, \$3.50, postpaid.

Rhodo-Azalea (3-20-3) fertilizer for acid loving plants. Azaleas, Rhododendrons, Camellias. Use at regular intervals with Peat Moss to make the soil conditions needed. 5 lbs., 75¢; 10 lbs., \$1.25, postpaid.

Special Balanced Rose Food. (All Organic.)

(7-8-5.) An organic, no filler, 100% plant food of dried blood, fish scraps, bone meal, potash, cotton seed meal and phosphate. This is a special mixture for growing Roses and is a balanced, all-purpose fertilizer which can also be used on all flowers, shrubbery, etc. This type mixture has been used by commercial growers and florists for many years and has given excellent results. 5-lb. bag, 75¢; 10 lbs., \$1.25, postpaid.

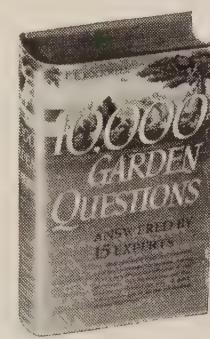


Sheep Manure. A highly concentrated pulverized sheep manure, free from straw and rubbish. Clean, easily handled and produces quick results. 5 lbs., 45¢; 10 lbs., 75¢, postpaid. Not prepaid, 25 lbs., \$1.45; 50 lbs., \$2.00; 100 lbs., \$3.50.

Wedo. Contains 2, 4-D. (Use 1½ lbs. to 100 sq. ft.) This new fertilizer not only feeds the grass but kills weeds. You will find Wedo—the perfect answer to your lawn growing problems. Its very thorough weed-killing action saves you back-breaking work. 25 lbs., \$2.75; 50 lbs., \$4.95; 100 lbs., \$7.95.

The Book of Perennials. (By Alfred C. Hottes.) Planning the Perennial Border, Garden Operation Calendar, Insects, Diseases, Propagation, Shady Places, Rock Gardens, etc. 280 pages; 103 illustrations. Cloth bound. \$2.75, postpaid

10,000 Garden Questions. (F. F. Rockwell, editor.) Answered by 15 experts. Real questions from real amateurs, with brief, authoritative answers. Among them you will find the solution to your problems—helpful diagrams and illustrations supplement the text—a quick-action index places all the information at your finger tips. 23,000 gardeners asked questions on which this garden-manual is built. The scope covers the whole field of amateur gardening. 35 famous authorities answered the questions. 1467 pages. Hundreds of specially drawn illustrations. \$4.95, postpaid



A Year In My Garden. (P. W. Dempsey.) A combined diary and day-by-day guide for the home gardener. Keep an account of your own garden adventures. Notes and plans kept in this book will aid you to greater success. You will profit by the helps and hints compiled by Prof. Paul W. Dempsey of the Massachusetts State College. \$1.50, postpaid

Roses for Every Garden. (Dr. R. C. Allen.) Whether you grow five Roses, fifty or five hundred, you will find assistance and inspiration packed in every page. 32 handsome illustrations in color. It is the first book to be honored as a selection by the National Council of State Garden Clubs, Inc. \$3.50, postpaid

Tuberous Begonias. (By Worth Brown.) Here for amateur or specialist is a complete guide to the successful cultivation of one of the most colorful and striking of all flowering plants. Covers Tuberous Begonias by types; propagation by seed; culture outdoors or as house plants. \$2.75, postpaid

The African Violet. (By Helen Van Pelt Wilson.) The first book on "the darling of the window garden enthusiast and the joy of the florist." Tells how to keep America's No. 1 house plant blooming. Covers location, watering, soil, pest control, propagation, hybridization. Lists 175 varieties. \$2.75, postpaid

Insecticides and Fungicides to

FOR INSECT CONTROL

ARSENATE OF LEAD. (2 teaspoons to a quart of water.) For use as a spray or a dust in the control of chewing and leaf-eating insects. Recommended for use on fruit and shade trees, vegetables, flowers, and on lawns and turf for the control of Japanese beetles and other turf destroying grubs. 1 lb., 45c; 4 lbs., \$1.55, postpaid.

BLACK LEAF 40. (1 teaspoon to a gallon of water.) A concentrated nicotine sulphate for killing soft-bodied, sucking insects. Two-fold action kills by contact and fumes. 1 oz., 36c; 5 ozs., \$1.05; 1 lb., \$2.42; 2 lbs., \$4.15; 5 lbs., \$7.90, postpaid.

CHLORDANE DUST OR SPRAY. (5 tablespoons to gallon of water.) For use in the control of grasshoppers, blister beetles, grubs, leaf miners, mole crickets, Japanese beetles, and certain other turf insects. Also ants and roaches in the lawn and home. 1 lb., 50c; 4 lbs., \$1.40, postpaid.



D-X SPRAY. (1 to 2 teaspoons to gallon of water.) A concentrated liquid, all-purpose plant spray containing rotenone, pyrethrum and DDT. Controls sucking and chewing insects on fruits, flowers and vegetables. 1½ ozs., 50c; 8 ozs., \$1.75; 1 qt., \$5.25; 1 gal., \$13.50, postpaid.

DDT 50% WETTABLE POWDER. An extremely fine ground powder that mixes readily. It is excellent for use in the control of codling moth on fruit trees, oriental Peach moth, Japanese beetles, thrip on Onions and Gladiolus. Excellent in damp places for control of spiders and roaches and as a spray for walls, barns and stables. 1-lb., 60c; 3 lbs., \$1.40, postpaid.

LINDANE. (1 pint makes 11 gals. spray.) One of the outstanding new insecticides for control of flies, mosquitoes, and spiders in dairy barns, and other buildings. Pt., \$4.35, postpaid.



DDT 25%. (Use 1 part to 4 parts of water.) A liquid spray in a glyceride oil base for use in spraying fruits, vegetables and flowers. Also used for spraying barns, dairies and outbuildings as a residue fly spray. Non-inflammable. 1½-oz. bottle, 35c; ½ pt., 75c; qt., \$1.50, postpaid.

DDT 5% DUST. This dust is made fine and free flowing for maximum dusting efficiency. Intended for crops on which the use of DDT is approved by state experiment stations or federal agencies. 50-lb. bag, \$6.00, not prepaid.

DU PONT 10% INSECT DUST. Contains rotenone and pyrethrum, plus DDT for killing action on ants, roaches, fleas and other crawling insects. Puffer type can makes it easy to apply in cracks and corners, around pipes, and on pets (except cats). 1-oz. can, 25c; 8-oz. dust gun, 95c, postpaid.

DU PONT 5% INSECT SPRAY. When brushed or sprayed on screens, floors, walls, it dries to a film that kills bugs when they come in contact with it. Spray kills insects on the wing. Pt., 45c; qt., 75c, postpaid.



SUMMER SPRA-CREAM. (4 teaspoons to quart of water.) A safe oil spray for summer, for use in control of scale, insects, mealy bug and certain other pests on fruit trees, shade trees and evergreens. ½ pt., 50c; 1 qt., \$1.00; 1 gal., \$2.00, postpaid.

50% METHOXYCHLOR WETTABLE POWDER. A new insecticide developed by Du Pont, widely used on dairy cattle and in dairy barns. It combines high insecticidal efficiency with low toxicity to plants, animals and humans. For the amateur gardener who wants a safer insecticide for general use. 8-oz. canister, 75c.

PRICES SUBJECT TO CHANGE

FUNGUS CONTROLS

BORDEAUX MIXTURE POWDER. (4 tablespoons to a gallon of water.) This well known and universally used copper fungicide is for use in the control of fungous diseases such as mildew, rust, and blight. Compatible with most insecticides for use on fruits, flowers, vegetables and shade trees. 1 lb., 40c; 4 lbs., \$1.00, postpaid.

COCS TOMATO DUST. An excellent dust for the control of blight on Tomatoes. The COCS copper is of the type recommended by many experiment stations. Also for the control of early and late blight on Celery and Potatoes. 1 lb., 40c; 5 lbs., \$1.05; 50 lbs., write for prices, postpaid.

COCS COPPER MILDEW SPRAY. (4 tablespoons to a gallon of water.) The fungicide for improved protection against plant diseases, where a copper fungicide is desired. It is more concentrated than Bordeaux Mixture. Does not leave a heavy, unsightly residue and may be used for mildew and copper controlled leaf spots. 1 lb., 65c; 3 lbs., \$1.55, postpaid.

FERMATE. (2 level tablespoons to gallon of water.) Highly effective fungicide for most fruit trees, Roses, Tomatoes and Celery. 8-oz. canister, 75c, postpaid.

WETTABLE AND DUSTING SULPHUR. (3 level tablespoons to a gallon of water.) An excellent fungicide for control of black spot and mildew on Roses. Wets immediately upon being placed in water. It is a valuable summer spray for both orchards and ornamentals. 2-lb. sifter top can, 45c; 4 lbs., 65c, postpaid.



FUNGICIDE A (65% Zinc Ethylene). This product has achieved national acceptance by professional growers and farmers for the control of various blights attacking Tomatoes and Potatoes as well as other vegetables and ornamentals. 6-oz. canister, 85c.

SULFOCID. (½ pint to a gallon of water.) A liquid sulphur fungicide for fruits, vegetables and flowers. Effective for mildew, rust, anthracnose, brown rot and other fungous diseases. Combines with D-X sprays and Pratt's 25% DDT to control insects and fungous diseases on flowers and vegetables. 1 pt., \$1.00; 1 qt., \$1.45; 1 gal., \$3.00, postpaid.

CONTROLS BOTH INSECTS AND FUNGI

COCS COPPER-ROTELONE BEARING DUST. A vegetable garden specialty containing .75% rotenone and copper as a fungicide in the form of copper oxychloride sulphate. An insecticide-fungicide and repellent dust formulation for the control of such diseases as mildew, leaf spot and blight, and such insects as asparagus beetle, cucumber beetle, cabbage worm, strawberry leaf roller and many other insects troublesome on vegetables, flowers and ornamentals. 1 lb. sifter-top can, 55c; 4 lbs., \$1.45, postpaid.



COCS CUKE AND MELON DUST. (15 to 30 lbs. per acre.) A combined insecticide and fungicide, containing calcium, arsenate and copper, for the control of cucumber beetles, wilt, scab, mildew and leaf spot on Cucumbers, Melons and other cucurbits. Effective and safe. Contains no lime. 1 lb., 40c; 4 lbs., \$1.00, postpaid.



COCS POTATO DUST OR SPRAY. (6 tablespoons to a gallon of water.) Contains 5% DDT, an arsenical and copper. A combined insecticide and fungicide for use as a dust or spray in the control of bugs and blight on Potatoes and other vegetables having hardy foliage. Increases yield and quality of crops. 1-lb. can, 60c; 4 lbs., \$1.65, postpaid.

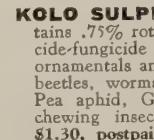


DU PONT FLORAL DUST. A combined dust or spray protection for flowers against insects and diseases. Contains two insecticides: rotenone and the new Du Pont developed methoxychlor, similar in killing action to DDT but safer to use on tender plants. For disease control, FLORAL DUST combines sulphur with famous Du Pont "Fermate" fungicide—recommended for control of Rose foliage diseases. Handy dust gun applicator can be refilled. 8-oz. dust gun, 79c; 1 lb., \$1.15; 4 lbs., \$3.50, postpaid.

DU PONT GARDEN DUST. Kills insects, stops diseases, does both at once. Use as dust or spray. Contains DDT and rotenone to kill insects, Du Pont "Fermate" and "Zerlate" fungicides to prevent and control plant diseases. Available in handy, ready-to-use 8-oz dust guns, which can be refilled. Also in large economy sizes. 8-oz. dust gun, 79c; 1 lb., \$1.15; 4 lbs., \$3.50, postpaid.



KOLO FRUIT TREE DUST OR SPRAY. (6-7 tablespoons to a gallon of water.) Contains DDT, basic lead arsenate and Kolo Sulphur. A combined insecticide-fungicide for insect and disease control after the dormant stage. Used on Apples, Peaches, Pears, Plums, Prunes and certain ornamentals. For use as a dust or a spray in the control of codling moth, curculio, tent caterpillar, rose chafer, plant bugs, leaf hoppers, Japanese beetles, apple maggot, oriental fruit moth, peach twig borer and for such fungous diseases as apple scab, powdery mildew, pear scab, peach scab and brown rot of stone fruits. 1 lb., 55c; 3-lb. bag, \$1.35, postpaid.



KOLO SULPHUR ROTENONE-BEARING DUST. Contains .75% rotenone plus bentonite sulphur. A combined insecticide-fungicide dust for flowers and vegetables, greenhouse plants, ornamentals and shrubs. For use in the control of Mexican Bean beetles, worms on Cabbage and Cauliflower, Asparagus beetles, Pea aphid, Gladiolus thrips, and of black spot, mildew, and chewing insects on Roses. 1-lb. sifter-top can, 50c; 4 lbs., \$1.30, postpaid.

POMO-GREEN WITH NICOTINE. A combined insecticide and fungicide, leaf-green in color. It contains basic lead arsenate, nicotine and sulphur. It can be dusted or sprayed and leaves no sooty residue when used as directed. Formulated for the control of black spot and mildew, all-purpose insecticide for dusting. 1 lb., \$1.05; 5 lbs., \$3.85, postpaid.

TRI-GEN. Today's outstanding Rose spray. If regularly and carefully used, will control every insect pest and disease that attacks the Rose garden. Contains Fermate. Available in four sizes to meet every Rose grower's need.

| | |
|--------------------------------|--------|
| E. Kit. Makes 8 quarts | \$1.35 |
| A. Kit. Makes 16 quarts | 2.25 |
| B. Kit. Makes 64 quarts | 6.00 |
| C. Kit. Makes 32 gallons | 9.00 |

Protect Your Vegetables and Flowers

DORMANT SPRAYS



LIME-SULPHUR (Powder). (1 lb. to 6 gals of water.) For spraying fruit and shade trees, shrubs and Roses when they are dormant. Protects against scale, leaf curl and brown rot on Peaches. Packed in metal cans so it can be kept without hardening. 1 lb., 45c; 5 lbs., \$1.95, postpaid.

SCALECIDE. (1/2 pt. to a gallon of water.) The Guaranteed Oil Spray. Use Scalecide—the safest of oil sprays. A complete dormant spray controlling more insects and diseases than any other. Use Scalecide just before the new growth starts. 1 qt., \$1.00; 1 gal., \$2.40, postpaid. Not prepaid, 5 gals., \$8.10; 15 gals., \$19.00; 30 gals., \$30.50; 55 gals., \$45.00.

TREE SURGERY AND PRUNING AIDS

GRAFTING WAX. Used for grafting, budding, top-working, etc., on all trees. 1/4 lb., 35c; 1/2 lb., 45c; 1 lb., 70c, postpaid.

TREE WOUND PAINT. Is an insurance against decay, having penetrating antiseptic and elastic water-proofing qualities. Sun and rain cannot cause the coating to break from the treated trees. Pt., 45c; qt., 75c, postpaid.



FUMIGANTS

CARBON DISULPHIDE. An excellent fumigant for killing ants in lawns and walks. Also used for killing rain weevil. 1 lb., 50c; postpaid.

CYANOGAS ANT KILLER. Does not rely on feeding habits of the ants. It kills them with gas. The spouted 4-oz. can (enough to kill a million ants) is especially designed for treating ant nests in gardens and lawns. By express only. 4-oz. can, 40c.

CYANOGAS (A-Dust). For killing rats, mice, moles, wood-chucks, soil insects in lawns. Contains complete directions. By express only. 1 lb., 98c; 5 lbs., \$3.75; 25 lbs., \$12.50; 100 lbs., \$30.00, not prepaid.

CYANOGAS (G-Fumigant). Gives off deadly hydrocyanic acid gas. Controls aphids, thrips, white flies. Scatter on house walks and close all doors for the night. 5 lbs., \$3.75, postpaid.

NAPTHALENE FLAKES. For repelling wire worms, maggots, cutworms, slugs, etc. Also for thrip on Gladiolus bulbs (1 oz. to 100 bulbs). 1 lb., 35c; 5 lbs., \$1.60, postpaid.



NICO-FUME POWDER. 1-lb. can fumigates 25,000 cu. ft. 1-lb. can, \$2.60, postpaid.

PARADICHLOROBENZENE. For controlling peach borer. Generates a gas. Apply in either fall or early spring. 1 lb., 35c; 5 lbs., \$1.50, postpaid.

PARA-SCALECIDE FOR PEACH BORER

mer or fall. 1 qt., \$1.25; 1 gal., \$2.90, postpaid. Not prepaid, 5 gals., \$9.10; 15 gals., \$21.80.

SOILFUME-CAPS. For control of nematodes, wire worms and other troublesome pests that retard or destroy your crops. Drop capsule in hole 4 1/2 inches deep, refill hole firmly if it's airy. A thorough watering will rupture the capsule. Space about 12 to 15 inches apart. 100-capsule bottle, \$2.00.

PRICES SUBJECT TO CHANGE

RODENT AND ANT CONTROLS

KILMICE. An impregnated seed bait; poisonous. Quickly destroys mice in house or garden. Box 25c.



MOUSE-NOTS. A mouse bait in convenient, handy-to-use pellets. Trial size, 25c; Economy size, \$1.00, postpaid.



UINE RED SQUILL. Prepared form. NO MIXING—NO MUSS OR FUSS. Trial size, 25c; Estate size (50 Nots), \$1.00, postpaid.

RAT-TU. Poisonous. Contains 25% Antu. 60c, postpaid.

CUTWORM KILLER. A poisonous bait which kills cutworms, sowbugs, etc. Very effective if used when the pests first appear. Pests eat it at night and are quickly destroyed. Will not deteriorate from rain or sprinkling. Garden size (treats 300 sq. ft.), 35c, postpaid.

RAT-NOTS. A non-poisonous bait, relatively harmless to humans and domestic animals, but fatal to rats. Contains GEN-

PLANT HORMONES

BARSPROUT. (12-oz. can treats 8 1/2 bushels.) Save food. Save money. Barbsprout prevents your Potatoes and other root crops from sprouting, softening and shrinking. Retains more Vitamin C, keeps flavor better, cuts down weight loss—not harmful. Just dust on. 12-oz. sifter-top can, \$1.00; 5-lb. can, \$5.50, postpaid.

FRUITONE. (1 level teaspoon to a gallon of water.) A powder containing several plant hormones. Effective for stopping pre-harvest drop of Apples and other fruits. Excellent for Tomatoes. Sprayed on blossoms it helps pollination and gives a better set of fruit. 2 1/2-oz. pkt., 25c; 2-oz. pkt., \$1.00; 12-oz. can, \$5.00, postpaid.

ROOTONE. The plant hormone powder for cuttings, seeds, tubers and bulbs. Just dip the base of the cuttings or slips in ROOTONE, set in sand, and the roots will grow faster and bigger. By dusting seed with Rootone, seedlings grow faster and more uniformly, producing stronger plants and better crops. 1/4-oz. pkt., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00, postpaid.

ROSETONE. (1 level teaspoon to a gallon of water.) A proven combination of vitamins and hormones. Soak roots of bushes in Rosetone before planting. Water established Rose bushes with Rosetone for better growth. 1/2 oz., 25c; 3 ozs., \$1.00, postpaid.

TRANSPLANTONE. (1 level teaspoon to a gallon of water.) The hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, and plants in general take root faster. Produces earlier maturity and larger crop when used on Tomato, Cabbage, Celery, Lettuce, Tobacco, and Sweet Potato plants. 1/2-oz. pkt., 25c; 3-oz. pkt., \$1.00; 1-lb. pkg., \$4.00, postpaid.

BLOSSOM-SET. Get earlier, larger, sweeter, and a greater yield of Tomatoes. Just spray Blossom-Set on flower clusters. The plant hormone strengthens the attachment of the flower to the plant, preventing blossoms from dropping. Excellent for Peppers, Cucumbers, and other vegetables producing blossoms. 2 ozs. (dilutes to 1/2 gal.), 60c; 4 ozs. (dilutes to 1 gal.), \$1.00; pt. (dilutes to 4 gals.), \$2.50, postpaid.

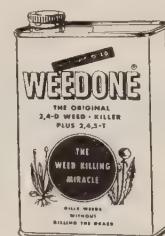
EFFECTIVE LAWN WEED KILLERS

NEW IMPROVED WEEDONE. The original 2, 4-D plus 2, 4, 5-T Weed Killer. Kills dandelion, plantain, chickweed, poison ivy, and many other broad-leaf weeds in your lawn without killing grass. Non-corrosive, safe for humans and animals. Weed your lawn the easy way—just mix with water and spray.

| | |
|-----------------------------|------------------|
| 8 ozs. (for 100 sq. ft.) | \$1.00, postpaid |
| 1 qt. (for 5,000 sq. ft.) | 2.75, postpaid |
| 1 gal. (for 20,000 sq. ft.) | 6.95, postpaid |

NEW WEEDONE APPLICATOR

Fits any standard gallon or 1/2-gallon jug.
Only 49c each.



WEEDUST. The 2, 4-D Weed Killer in dry, powder form. Just dust each weed directly from the ready-to-use can. No measuring, no mixing. Ideal for destroying those "here and there" weeds; just the thing for the man whose problem does not require a sprayer. Large sifter-top can, 75c, postpaid. (Enough to kill 1000 weeds.)

2, 4-D WEED KILLER. (2 teaspoons to 1 gallon of spray.) Kills dandelion, plantain, poison ivy, pigweed, redweed, bindweed, and many other troublesome weeds in lawns, parks, golf courses, fence rows, roadsides, ditches, pastures, etc. 4 ozs., \$1.00; 20 ozs., \$2.60, postpaid.

DU PONT WEED KILLER. Readily eradicates dandelion, plantain, and other difficult lawn weeds. Does not kill the grass. Amazing and effective. 8 ozs., \$1.00, postpaid.

PURATURF CRAB GRASS KILLER. (1/2 pt. makes 8 gals.; treats 800 sq. ft. of lawn.) A new crabgrass control that was proven by experiment station trials. For most economical and effective control, apply in germinating or seeding stage in June and July. Complete directions on package. 1/2 pt., 85c; 1 pt., \$1.65, postpaid.

TAT-C-LECT. (A pint bottle makes 16 gallons and treats 3000 sq. ft.) Tat-C-Lect also kills dandelion, plantain, chickweed, spurge and other lawn weeds. Full directions on bottle. 1/2 pt., 85c; pt., \$1.50; gal., \$9.75, postpaid.

VEGETATION KILLERS

DU PONT AMMATE. It permanently destroys poison ivy, poison oak, sumac, and other tough growth in one application. Kills roots and foliage. Dissolve in water and spray or sprinkle on. Not for lawns. 2 lbs., 85c; 6 lbs., \$2.25. Postpaid east of Mississippi River.

LIQUID WEED KILLER. Kills poison ivy, kills all vegetation—roots and all, and prevents growth for a year. For walks, drives, roadways, etc. Simply dilute with 40 parts of water and apply. 1 qt., 85c; gal., \$2.25, postpaid.

WEEDONE BRUSH KILLER 32. For the control of woody plants. Kills a greater range of woody plants and perennial weeds than either 2, 4-D or 2, 4, 5, T Sprays used alone. Nothing has to be added. It is ready for mixing with water or oil and spraying immediately. Non-corrosive to spray equipment. Does not constitute a fire hazard. Kills weeds and woody plants without killing the grasses. Non-poisonous to livestock or humans. 1 qt., \$4.00; gal., \$9.25, postpaid.



Holmes' Farm, Garden and Lawn Tools

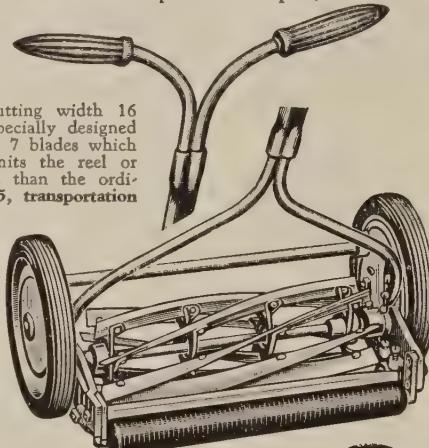
BROADCAST SEED SOWERS. For accurately sowing Timothy, Clovers, Millets, and heavy seeds of grass and other farm crops. Can be regulated to sow any required quantity per acre. Price, \$3.85, transportation paid.

MASTERS FERTILIZER SPREADER. Applies fertilizer in flower beds and vegetable gardens before seeds are sown or plants set out. Also used to sow grass seeds, top dress lawns with sand or other dry material, and for many other purposes. Adjustment can be made so as to regulate quantity desired to be applied. Price: 18-inch, 20-lb. cap., \$7.75; 18-inch, 50-lb. cap., \$10.75; 24-inch, 100-lb. cap., \$26.50, transportation not paid.

LAWN SWEEPER. This machine consists of 4-brush, aluminum alloy chassis, steel bushed wheel bearing, tubular steel handle, 20-inch width, semi-pneumatic tires. Price, \$29.90, transportation not paid.

LAWN MOWER MODEL 700.

This mower consists of 7 crucible steel blades, steel ball bearings, rubber roller with semi-pneumatic rubber tires. Cutting width 16 inches. This lawn mower is especially designed for fine, well kept lawns, having 7 blades which are spaced close together. Permits the reel or roto-blades to take smaller bites than the ordinary lawn mower. Price, \$24.85, transportation not paid.



ALUMINUM WHEEL-BARROW.

This light weight wheelbarrow weighing 21 lbs., with semi-pneumatic tire, rust free tray, measures 27 by 34 in., 9 in. deep, with heavy roll edging. The frames are 1-inch tubular steel, finished in bright zinc plate which has a long lasting finish. Price, \$15.25, transportation not paid.



No. 4D BROWN SPRAYER

Steel tank; capacity 4 gals. Equipped with hose and Auto-Pop nozzle attachments. Price, \$11.90, transportation not paid.

HAND SPRAYER. A solid copper tank. Continuous sprayer. Capacity 1 quart. Price, \$3.95, transportation paid.

BROWN CRYSTAL DUSTER

One of the most practical all-around dusters. Hopper capacity approximately 2 quarts, with 2 12-inch extension tubes, 1 straight nozzle, and 1 special curved nozzle for dusting the under side of plants. Price, \$2.35, transportation paid.



ELECTRIC HEDGE TRIMMER.

Trims hedges ten times faster and is fun, not work. Operated from any ordinary light socket; cuts a clean, perfect swath through the toughest hedge growth. Trims 100 feet of hedge, top and sides, in 30 minutes. Length of blade 12 inches. Complete with 8-foot cord, \$37.50. 100 feet best quality, 18-gauge extension cord, \$5.95. Transportation not paid.



HEDGE SHEARS.

This multi-power hedge shear is scientifically pivoted to develop smoother, non-jolting action that results in greater cutting power with a consequent increase in hand comfort. Ease of use unbelievably enhanced by soft rubber handle grips. Blades 9 1/2 inches, of high grade cutlery steel. Price, \$5.00, transportation paid.



MIRACLE GRASS SHEAR.

Patented construction assures



faster cutting more easily. A drop forged tool, precision hollow ground, razor sharp. Hardened and tempered individually. Large bearing surface all around. Spring breakage unknown. Price, \$2.75, transportation paid.

WISS GRASS SHEARS. Scissors type, oil-tempered and hollow-ground blades 5 inches long. Iron handles. Price, \$2.35, transportation paid.

GRASWHIP. One of the most efficient tools for cutting weeds and grass. Makes tough weeds go down easy before its heavy, double efficient tempered, steel blade. Its razorlike efficiency is tops for handling along sidewalks or flower beds. Cutting edge 8 1/2 inches. Price, \$1.79, transportation not paid.

HAND GARDEN CUTTER. Is unique for reaching hard-to-get spots where a ladder was formerly needed.

Triggerlike action, plus a length of 23 inches makes this cutter the practical item for trimming and pruning hard-to-reach spots on Rose bushes, arbors, shrubbery, vines and small trees. Blade is removable for sharpening. Price, \$4.95, transportation paid.

DISSTON SPRING RAKE. A high quality broom rake. Spring steel reinforced construction; built for lawn and heavy duty service. Small size, transportation not paid \$2.25
Large size, transportation not paid 3.00

LAWN AND DANDELION RAKE. Curved saw-tooth, 26 teeth, width of head 15 1/2 inches, 5-foot handle, steel braces. Designed for use in raking or cleaning lawns and yards. Teeth will not tear the grass roots and will exterminate dandelions by cutting blossoms before seeds mature. Price, \$1.60, transportation not paid.

STEEL-BOW GARDEN RAKE. Extra strong; will not break in the middle. Price, \$2.00, transportation not paid.



SQUARE-TOP HOE. An ideal hoe for use around evergreens and flower beds. Price, \$2.10, transportation not paid.



"SPEEDY" CULTIVATOR HOE.

Prongs get right down to work, loosens soil and breaks crust. Ideal weeder. Price, \$2.29, transportation not paid.

STEEL TROWELS. Made of one-piece steel blade and shank, with wood hand-grip. Price, \$1.00, transportation paid.

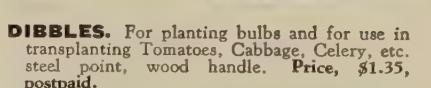


CLAW CULTIVATOR. Just the thing for getting in around your plants. Feather-light; amazing strength. Price, 70c, postpaid.

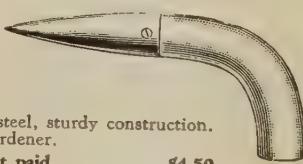


GARDEN TROWEL. High quality aluminum alloy, super strength, feather-light, perfect balance; finger rest prevents slipping, eliminates fatigue. Price, 70c, postpaid.

DIBBLES. For planting bulbs and for use in transplanting Tomatoes, Cabbage, Celery, etc. steel point, wood handle. Price, \$1.35, postpaid.



TRANSPLANTING TROWEL. An ideal tool for transplanting plants or use in planting bulbs. Light in weight, with patented finger rest. Won't rust. Price, 60c, postpaid.



JUNIOR TOOL SET. Forged steel, sturdy construction. Ideally suited for the woman gardener.

Complete Set—transportation not paid \$4.50

Individual Tools

Shovel—transportation not paid 1.85

Hoe—transportation not paid 1.50

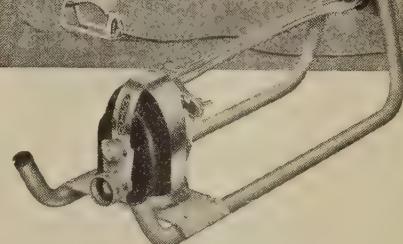
Rake—transportation not paid 1.15



LONG-HANDLE TRIMMING SHEAR.

A modern grass shear. Eliminates stooping, kneeling, and back-breaking positions. Just as simple as walking. Shaft made of aluminum alloy. Operated from top of handle by connecting rod. Length of cutting blade 6 3/4 inches, height of shears 38 inches. An efficient and practical tool that will appeal to everyone who has the care of a garden or lawn. Price, \$3.50, transportation not paid.

METCO-WAVE SPRINKLER. The ideal oscillating sprinkler for lawn, flower beds, rock gardens or newly seeded plot. Adjustable. Light in weight, yet sturdy and durable. Will cover a plot 40x40 ft. at 35 pounds pressure. Price complete, \$16.95, transportation paid.



ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

The Holmes Seed Co.

CANTON 2, OHIO

Please send the following to

NAME **Mr.**
Mrs.
Miss

(Please Print Name Plainly)

R.F.D. or STREET No.

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CONDITIONS OF SALE. Holmes' seeds are all tested for germination. We assume the responsibility of seeds, plants and bulbs reaching you in good condition. However, in common with all responsible seedsmen, the Holmes Seed Co. warrant to the extent of the purchase price that seeds or bulbs we sell are as described on the container within recognized tolerances. We give no other or further warranty, express or implied.

PLEASE CHECK ONE:

PLEASE CHECK ONE: If we are out of any of the varieties ordered, shall we substitute others equally as good? Ans.
Or shall we return the money sent for them? Ans. **AMOUNT CARRIED FORWARD**

Please Do Not Write in Spaces Below

Total \$

**For Quicker Service Put Any
Correspondence on Separate Sheet
(With Your Name and Address)**

If You Want Additional
Order Blanks, Check Here

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LARKSPUR Supreme Mixture

A distinctly new strain of large flowered Larkspur with florets closely spaced on the spikes. These are marvelous cut flowers. Vigorous, 5-ft. plants. Colors are new and outstanding. Pkt., 25c.

COSMOS Sensation Mixed

Unusually large single flowers 4 to 6 inches across which are often in bloom in 10 weeks from seed and continue until frost. "Tops" in Cosmos. Mixture contains red, pink and white. Pkt., 10c.

ZINNIA Dahlia-Flowered

Huge, fully double flowers which bear a striking resemblance to the show type of Dahlias. These largest of all Zinnias have a wide range of rich colors and make a striking display in the garden. Pkt., 15c.



Zinnia,
Dahlia-
Flowered

Six Outstanding Features for your Garden



DAHLIA Unwin Strain

These are one of the most satisfying of all annuals. The flowers are semi-double in soft pinks, deep rose, salmon, buff, yellow, orange, scarlet and crimson. Plants grow 2 ft. high. Pkt., 20c.



HARDY CARNATIONS

One of the best perennials. You might say "it has everything": fragrance, hardiness, lovely colors, attractive foliage and abundance of bloom. Easily grown from seed. Pkt., 20c.

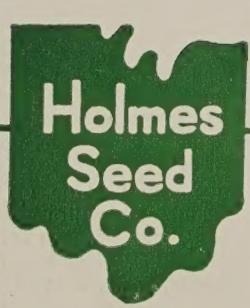


French Marigold,
Naughty Marietta

NAUGHTY MARIETTA

All-America Winner

This new French Marigold is outstanding. One of the "liveliest" of recent introduction. Plants are uniformly 15 inches tall, producing masses of single blooms 2 inches across. The warm yellow petals are marked at the base with a spot of rich mahogany. Excellent as a cut flower. Pkt., 25c; $\frac{1}{4}$ oz., \$2.25.



Canton 2, Ohio